

Goodfellow

Serving The Needs of Science and Industry Worldwide

Au service de la Science et de l'Industrie dans le monde entier

Weltweiter Lieferant für Wissenschaft und Industrie

Metals and Alloys
Métaux et Alliages
Metalle und Legierungen

Ceramics
Céramiques
Keramiken

Polymers
Polymères
Polymere

Composites
Composites
Verbundwerkstoffe

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Introduction

Goodfellow is well known as a specialist supplier of small to medium size quantities of metals, alloys, ceramics, polymers and other materials to meet the research, development and specialist production requirements of science and industry worldwide. We realise that "small" means different things to different people, but we consider small to mean any quantity from a few grammes to a few kilos.

Goodfellow offers two distinct services to meet the requirements of our customers:

- The first meets the needs of our customers who need small quantities of products from our standard range of materials within 24-48 hours.
- The second service is for those who require larger quantities or further processing of our standard products or who need an item which falls within our general area of supply expertise.

The range of materials offered by Goodfellow is extensive as are the forms in which the various products are available. This Directory provides a detailed overview of our standard products which are available ex-stock. Full details of all of these items, including prices and technical information, can be found in our web Catalogue at www.goodfellow.com.

Materials

Metals and Alloys

Goodfellow supplies virtually all of the pure metals from Aluminium to Zirconium as well as a comprehensive range of alloys. Most are available in a variety of forms, including rod, wire and foil. The Directory details those materials which are available as standard products from stock. Custom-made items are also available, so please contact us if you are unable to identify the item you require

Ceramics

The ceramic materials offered by Goodfellow have been carefully chosen and include both the established as well as more recently developed products. All are available as either standard or custom-made products in a variety of forms and sizes. The Directory details those items which are available from stock; please contact us if you are unable to find the specific item you require.

Polymers

The range of polymers supplied by Goodfellow is broad and includes both the familiar as well as some of the more unusual or recently developed materials. The Directory details those items which are available from stock; please contact us if you are unable to find the item you specifically require.

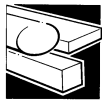
Compounds & Intermetallics

Goodfellow can supply aluminides, borides and silicides as well as other intermetallics and compounds. The majority of these items are made to order and the Directory details those which are available. Please contact us with details of your requirements.

Composites

Some examples of these materials are listed in the Directory. As some of these are manufactured on a custom-made basis, please contact us with details of your requirements.

Product Descriptions



Bar

A straight length of rectangular, square or oval section material.



Chopped Fibre

Fibres cut into short lengths called cut, staple or chopped fibre.



Fabric

Woven fabrics are made by the regular interlacing of two arrays of yarns at right angles to each other, these being referred to as the warp and weft (see also Non-woven fabric).

Tolerances

Fabric thickness:	$\pm 25\%$
Number of yarns:	$\pm 10\%$
Tex number:	$\pm 10\%$
Size (linear dimension):	$< 100\text{mm} \quad \pm 5\text{mm}$
	$\geq 100\text{mm} \quad \pm 5\%$



Fibre

Yarns or tows consisting of several approximately parallel individual filaments, each filament usually being smaller in diameter than a monofilament. Yarns contain a defined number of filaments, typically three to several hundred; tows contain thousands of filaments whose number is only defined approximately. Both are primarily specified by their linear density measured in "tex", the weight in grams of a 1km length of material.

Tolerances

Fibre diameter:	$\pm 25\%$
Number of strands:	$\pm 10\%$
Tex number:	$\pm 10\%$
Length:	$+ 5\% / -1\%$



Film

A non-metallic sheet material with a thickness $< 0.5\text{mm}$.



Flake

Flat, irregularly shaped pieces of material.

A maximum flake size is indicated but individual flakes may vary greatly in size.

Tolerances

Dimensions shown are nominal



Foam



Foil

Thin sheets of pure metal and metal alloys.

Due to their fragile nature, some foils are coated on one side with an acrylic or polyester support.

Tolerances

Thickness:	$< 0.010\text{mm} \quad \pm 25\%$
	$0.010 - 0.050\text{mm} \quad \pm 15\%$
	$> 0.050\text{mm} \quad \pm 10\%$
Size (linear dimension):	$< 100\text{mm} \quad \pm 1\text{mm}$
	$\geq 100\text{mm} \quad +2\% / -1\%$



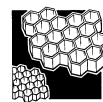
Granule

Pellets of an approximately regular shape.

Granules may vary in size and, therefore, the dimensions stated are nominal. In addition, the shape of a granule may vary from item to item.

Tolerances

Dimensions shown are nominal



Honeycomb

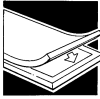
A cellular structure similar in appearance to natural honeycomb. Owing to the nature of this material, dimensions are nominal.

Product Descriptions



Insulated Wire

A single or multiple flexible strand of metal or alloy with an insulating sheath.



Laminate

Layers of material which have been bonded together by the use of heat, pressure and, possibly, adhesive.

Tolerances

Thickness: $\pm 10\%$
Size (linear dimension): $\leq 100\text{mm}$ $\pm 1\text{mm}$
 $> 100\text{mm}$ $+2\% / -1\%$



Liquid

This form is self-explanatory.

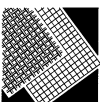


Lump

A solid piece of material with no defined shape.

Tolerances

Dimensions shown are nominal



Mesh

Mesh is available as either a woven wire or electroformed product; in all cases, the quoted aperture sizes are nominal. Wire mesh A material which is woven from metal wires to provide a thin grid with a regular series of holes. Electroformed mesh A product made by electroplating the mesh geometry through a mask onto a substrate which is subsequently etched away.

Tolerances

Thickness: woven: $\pm 10\%$
electroformed: $\pm 20\%$
Wire diameter: $\pm 10\%$
Size (linear dimension): $< 100\text{mm}$ $\pm 1\text{mm}$
 $\geq 100\text{mm}$ $+2\% / -1\%$



Metallised Film

Film which is coated with a metal. The thickness of the metal is measured and described in terms of the material's specific electrical resistance in ohms per square.

Tolerances

Thickness: $\pm 10\%$
Size (linear dimension): $< 100\text{mm}$ $\pm 1\text{mm}$
 $\geq 100\text{mm}$ $+2\% / -1\%$



Microfoil

An extremely thin sheet of metal or alloy mounted on a permanent support.

This support **cannot** be removed without destroying the Microfoil.

Tolerances

Thickness: $\pm 30\%$
Size: $\pm 20\%$



Microleaf

An extremely thin sheet of metal mounted on a removable support. Microleaf is not available for metals which are too brittle to be free standing.

Tolerances

Thickness: $\pm 30\%$
Size: $\pm 20\%$



Monofilament

A single strand of a non-metallic material.

Tolerances

Diameter: $\pm 20\%$
Length: $+5\% / -1\%$

Product Descriptions



Non-Woven Fabric

Non-woven fabrics are made by methods other than weaving or knitting, the yarns and fibres being held together, often quite loosely, by means other than geometric interlacing. Due to the open and porous nature of this material, all other dimensions are nominal. conventional textile fabrics. Due to the open and porous nature of this material, all other dimensions are nominal.

Tolerances

Size (linear dimension): < 100mm ± 5mm
 > 100mm ± 5%

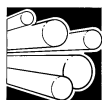


Powder

Small particles with an approximately defined size range. Unless otherwise stated, the particle sizes shown are for guidance only. We do not guarantee either any particular size distribution between the quoted minimum and maximum sizes, or a specific particle shape. size range. Unless otherwise stated, the particle sizes shown are for guidance only. We do not guarantee either any particular size distribution between the quoted minimum and maximum sizes, or a specific particle shape.

Tolerances

Dimensions shown are nominal



Rod

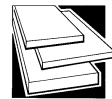
A straight length of circular section material.

Tolerances

Diameter: < 10mm ± 10%
 +20%/-10% -

Polymers/Ceramics
 > 10mm ± 5%
 +20%/-10% -

Polymers/Ceramics
 Length: < 100mm: ± 1mm
 ≥ 100mm: +5% / -1%



Sheet

Flat material with a thickness > 0.5mm.

Tolerances

Thickness: ± 10%
 Ceramic ± 20%
 Composite ± 20%
 Polymer ± 20%
 Size (linear dimension): < 100mm ± 1mm
 ≥ 100mm +2% / -1%



Single Crystal

A material grown as a monocrystal, generally to a specific orientation, dimension and surface finish. It may contain a dopant. Single crystals are usually made to order.



Sphere

Small balls which are precision ground.

Tolerances

Diameter: ± 5%



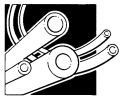
Sputtering Target

A high purity material used as a source for sputtering, a cold vapourisation process in which atoms are physically removed from the target surface by ion bombardment.

Tolerances

Thickness: ± 0.5mm
 Size: ± 0.5mm

Product Descriptions



Tube

A hollow length of material normally circular in section. Most tubes are straight except those made of flexible polymer.

Tolerances

Outside diameter:	≤ 2mm	± 0.05mm ± 10% -
Polymers/Ceramics	≤ 5mm	± 0.1mm ± 10% -
Polymers/Ceramics	> 5mm	± 5% ± 10% -
Polymers/Ceramics	Wall thickness:	± 10% ± 20% -
Polymers/Ceramics	Length:	< 100mm ± 1mm ≥ 100mm + 5% / -1%



Wire

A single or multiple flexible strand of pure metal or alloy.

Tolerances

Wire diameter:	± 10%
Length:	+ 5% / -1%

General Information

Analyses

Purity

Purities listed are quoted with respect to total metallic impurities. Typical analyses may give additional information about likely non-metallic impurities.

High Purity

For materials described as High Purity, the actual analysis of metallic impurities will be supplied free of charge. For other items, an actual analysis can be supplied and a charge will be made for the analysis and for the sample used.

Supports

Some items from our range of foils need to be supported on one side of the foil to enable both you and us to handle these very delicate materials. Two types of support can be used, the choice being governed by the material. Wherever possible we use a temporary support, a permanent support only being used when the material is brittle (for example Chromium or Manganese).

The temporary support is Acrylic, approximately 0.2mm thick. This may be removed by dissolving in 2-Propanone (Acetone).

Our permanent support is Polyester, thickness 0.125mm, which is hot-press laminated to one face of the foil. It **cannot** be removed without destroying the foil.

Light Tight Foil

LT foils are supplied without visible pinholes whereas NLT foils will normally contain pinholes but may occasionally be free from pinholes. Foils 0.025mm or more in thickness are supplied LT unless otherwise stated. Foils less than 0.025mm are normally supplied NLT, however, if you require LT foils, please ask. An additional charge may be made if we are able to supply LT foils.

Vacuum tight

Vacuum tight foils show no detectable leakage when tested with a helium mass spectrometer with a sensitivity of 10^{-9} atm-cm³.s⁻¹.

Technical Data and Information

All information and technical data are given as a guide only. Although every effort has been made to ensure that the information is correct, no warranty is given as to its completeness or accuracy.

Tolerances

For details of our standard tolerances, please refer to the Product Description section. In many cases, closer tolerances are available but may be subject to an extra charge. If you have any special requirements it is important that you tell us at the time of ordering. This includes special tolerances, dimensional uniformity or any other special requirement which you may have (for example edge finish, packaging, labelling etc.).

Order information

General Information

There are over 47000 stock packs listed and if you cannot find what you need amongst them, please ask for special sizes, thicknesses, tolerances, dimensions or larger quantities. We are also able to offer many other pure metals, alloys, polymers and ceramics to special order.

Method of delivery

The method of delivery is selected in order to give safe and rapid delivery; we normally use a door - to - door courier service although alternative methods may be used depending on the materials ordered.

Some of the materials supplied by Goodfellow are subject to special transport restrictions and are shipped accordingly. Any onward shipments should take account of these shipping requirements.

Despatch

We aim to have all of the items listed in this Directory and on our web Catalogue in stock in the sizes and quantities listed. Orders are usually shipped within 48 hours of receipt but please contact your local office if a faster service is required.

Export Restrictions

A UK Government export licence may be required for some items to some destinations. If the item you require needs a special export licence or an end-use statement we will inform you at the time you order.

Materials Handling

Many of our materials are extremely delicate and it is essential every care is taken when handling them. Special attention is drawn to the extreme fragility of Microfoil, Microleaf and thinner and finer materials.

All materials are carefully packed to ensure safe transport of goods to your address. We do not accept responsibility for damage caused by mishandling once the outer transit packaging has been removed.

Exclusions

We supply materials according to our specification. All conditions warranties and representations regarding the quality, fitness for purpose or state, size, shape, capacity or colour of goods supplied whether expressed or implied by common law or statute or otherwise are hereby expressly excluded. We shall not be liable for any damage direct or consequential arising from the use of goods supplied by us however such damage is caused, nor for delay in delivery.

Law

Contracts between Goodfellow and the customer shall be deemed to be subject in all respects to English law unless otherwise agreed in writing.

Company Details

Company Structure

The Goodfellow Group consists of four companies:

Goodfellow Cambridge Limited

Goodfellow was established in the City of London in 1946. The Company now has subsidiary operations in France, Germany and North America with the Group's research laboratories, workshop facilities & central administration located in Huntingdon, England.

Goodfellow SARL

Goodfellow established an operation in France in 1993 to meet the needs of our French-speaking customers in Europe.

Goodfellow GmbH

Since 1989, this member of the Goodfellow group of companies has been serving the needs of our German speaking customers within Europe.

Goodfellow Corporation

Established at the same time as our associate company in Germany, Goodfellow Corporation was set up to service the requirements of our North American customers.

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Metals

Aluminium (Al)



Microfoil

- AL004075** Thickness: **0.0075µm**, Specific density: 1.8 µg.cm⁻², Purity: 99.999%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 50 mm
- AL004500** Thickness: **0.1µm**, Specific density: 25.6 µg.cm⁻², Purity: 99.999%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 50 mm
- AL004600** Thickness: **0.25µm**, Specific density: 68.8 µg.cm⁻², Purity: 99.999%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 50 mm
- AL004700** Thickness: **0.5µm**, Specific density: 120.6 µg.cm⁻², Purity: 99.999%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 50 mm
- AL004850** Thickness: **1.0µm**, Specific density: 269.9 µg.cm⁻², Purity: 99.999%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 50 mm



Microleaf

- AL004915** Thickness: **0.15µm**, Specific density: 41.3 µg.cm⁻², Purity: 99.999%, Support: Removable, Diameter: 10 mm to 25 mm
- AL004925** Thickness: **0.25µm**, Specific density: 68.8 µg.cm⁻², Purity: 99.999%, Support: Removable, Diameter: 10 mm to 25 mm
- AL004950** Thickness: **0.5µm**, Specific density: 120.6 µg.cm⁻², Purity: 99.999%, Support: Removable, Diameter: 10 mm to 25 mm
- AL004990** Thickness: **1.0µm**, Specific density: 269.9 µg.cm⁻², Purity: 99.999%, Support: Removable, Diameter: 10 mm to 25 mm



Foil

- AL000205** Thickness: **0.0004mm**, Purity: 99.1%
- AL000210** Thickness: **0.0008mm**, Purity: 99.1%
- AL000270** Thickness: **0.0015mm**, Purity: 99.1%, Tolerance: 20%
- AL000300** Thickness: **0.002mm**, Purity: 99.1%, Tolerance: 20%
- AL000320** Thickness: **0.003mm**, Purity: 99.1%, Tolerance: 20%
- AL000360** Thickness: **0.006mm**, Purity: 99.0%
- AL000363** Thickness: **0.008mm**, Purity: 99.0%, Coil width 300 mm Length : 1 m to 10 m
- AL000364** Thickness: **0.009mm**, Purity: 99.0%, Diameter: 4 mm to 50 mm
- AL000370** Thickness: **0.010mm**, Purity: 99.0%, Coil width 300 mm Length : 1 m to 20 m
- AL000375** Thickness: **0.010mm**, High Purity: 99.999%, Temper: As rolled
- AL000380** Thickness: **0.0125mm**, Purity: 99.0%, Diameter: 4 mm to 50 mm
- AL000392** Thickness: **0.015mm**, Purity: 99.0%, Temper: Annealed, Coil width 300 mm Length : 1 m to 20 m
- AL000391** Thickness: **0.015mm**, High Purity: 99.999%, Diameter: 4 mm to 25 mm
- AL000395** Thickness: **0.018mm**, Purity: 99.0%, Temper: Annealed, Coil width 300 mm Length : 1 m to 20 m

- AL000405** Thickness: **0.020mm**, Purity: 99.0%, Temper: Annealed, Coil width 300 mm Length : 1 m to 20 m
- AL000400** Thickness: **0.020mm**, High Purity: 99.999%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- AL000421** Thickness: **0.025mm**, Purity: 99.0%, Temper: Annealed, Coil width 25 mm Length : 0.5 m to 10 m
- AL000420** Thickness: **0.025mm**, Purity: 99.0%, Temper: Hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- AL000431** Thickness: **0.025mm**, High Purity: 99.999%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- AL000434** Thickness: **0.030mm**, Purity: 99.0%, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- AL000435** Thickness: **0.040mm**, Purity: 99.0%, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- AL000441** Thickness: **0.050mm**, Purity: 99.0%, Temper: Hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- AL000490** Thickness: **0.05mm**, Purity: 99.0%, Temper: Annealed, Coil width 300 mm, Size: 150x150 mm to 300x300 mm
- AL000485** Thickness: **0.050mm**, High Purity: 99.99+%, Temper: Half hard, Ribbon width 0.1 mm Length : 0.5 m to 10 m
- AL000481** Thickness: **0.050mm**, High Purity: 99.999%, Temper: As rolled, Coil width 250 mm, Size: 25x25 mm to 250x300 mm
- AL000510** Thickness: **0.060mm**, Purity: 99.0%, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- AL000520** Thickness: **0.075mm**, Purity: 99.0%, Temper: Hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- AL000530** Thickness: **0.075mm**, Purity: 99.0%, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- AL000540** Thickness: **0.09mm**, Purity: 99.99%, Temper: Annealed, Coil width 215 mm, Size: 25x25 mm to 150x150 mm
- AL000557** Thickness: **0.10mm**, Purity: 99.0%, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- AL000555** Thickness: **0.10mm**, Purity: 99.0%, Temper: Hard, Coil width 305 mm, Size: 25x25 mm to 300x300 mm
- AL000558** Thickness: **0.10mm**, Purity: 99.5%, Temper: Annealed, Coil width 500 mm, Size: 100x100 mm to 250x250 mm
- AL000565** Thickness: **0.1mm**, High Purity: 99.999%, Temper: As rolled, Size: 25x25 mm to 140x150 mm
- AL000560** Thickness: **0.116mm**, High Purity: 99.999%, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 150x150 mm
- AL000590** Thickness: **0.125mm**, Purity: 99.0%, Temper: Half hard, Coil width 82.5 mm Length : 0.5 m to 5 m
- AL000592** Thickness: **0.125mm**, Purity: 99.0%, Temper: Hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

Metals

- AL000591** Thickness: **0.125mm**, Purity: 99.0%, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- AL000570** Thickness: **0.125mm**, High Purity: 99.99+%, Temper: As rolled
- AL000581** Thickness: **0.125mm**, High Purity: 99.999%, Temper: Hard, Coil width 100 mm, Size: 25x25 mm to 100x100 mm
- AL000580** Thickness: **0.125mm**, High Purity: 99.999%, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 300x300 mm
- AL000601** Thickness: **0.15mm**, Purity: 99.0%, Temper: Hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- AL000611** Thickness: **0.20mm**, Purity: 99.0%, Temper: Hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- AL000612** Thickness: **0.20mm**, Purity: 99.0%, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- AL000621** Thickness: **0.25mm**, Purity: 99.0%, Temper: Hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- AL000620** Thickness: **0.25mm**, Purity: 99.0%, Temper: Half hard, Size: 25x25 mm to 300x300 mm
- AL000622** Thickness: **0.25mm**, Purity: 99.0%, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- AL000630** Thickness: **0.25mm**, High Purity: 99.999%, Temper: As rolled, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- AL000635** Thickness: **0.3mm**, Purity: 99.0%, Temper: Half hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- AL000637** Thickness: **0.32mm**, High Purity: 99.999%, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 150x150 mm
- AL000638** Thickness: **0.38mm**, Purity: 99.0%, Temper: Half hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- AL000645** Thickness: **0.5mm**, Purity: 99.0%, Temper: Half hard, Size: 100x100 mm to 500x500 mm
- AL000650** Thickness: **0.50mm**, High Purity: 99.999%, Temper: As rolled, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- AL000695** Thickness: **0.9mm**, Purity: 99.0%, Temper: Half hard, Size: 25x25 mm to 150x150 mm
- AL000700** Thickness: **1.0mm**, Purity: 99.0%, Temper: Half hard, Size: 25x25 mm to 300x300 mm
- AL000690** Thickness: **1.0mm**, High Purity: 99.999%, Temper: As rolled, Size: 25x25 mm to 300x300 mm
- AL000720** Thickness: **1.5mm**, High Purity: 99.999%, Temper: As rolled, Size: 25x25 mm to 300x300 mm
- AL000750** Thickness: **2.0mm**, Purity: 99.0%, Temper: Half hard, Size: 25x25 mm to 300x300 mm
- AL000760** Thickness: **2.0mm**, High Purity: 99.999%, Temper: As rolled, Size: 25x25 mm to 300x300 mm
- AL000765** Thickness: **3.0mm**, Purity: 99.0%, Temper: Half hard, Size: 150x150 mm to 300x300 mm
- AL000770** Thickness: **3.0mm**, High Purity: 99.999%, Temper: As rolled, Size: 150x150 mm to 300x300 mm

- AL000780** Thickness: **5.0mm**, High Purity: 99.999%, Temper: As rolled, Size: 150x150 mm to 300x300 mm
- AL000785** Thickness: **6.0mm**, High Purity: 99.999%, Temper: As rolled, Size: 100x100 mm to 300x300 mm
- AL000790** Thickness: **10.0mm**, High Purity: 99.999%, Temper: As rolled, Size: 150x150 mm to 300x300 mm



Honeycomb

- AL002510** Thickness: **5mm**, Cell size: 3.2mm, Adhesive (Resin): Phenolic, Core Density: 0.072g.cm⁻³, Cell Wall: 0.025mm, Size: 300x300 mm to 600x600 mm
- AL002910** Thickness: **5mm**, Cell size: 13mm, Adhesive (Resin): Phenolic, Core Density: 0.062g.cm⁻³, Cell Wall: 0.1mm, Size: 300x300 mm to 600x600 mm
- AL002960** Thickness: **5mm**, Cell size: 19mm, Adhesive (Resin): Phenolic, Core Density: 0.029g.cm⁻³, Cell Wall: 0.064mm, Size: 300x300 mm to 600x600 mm
- AL002520** Thickness: **10mm**, Cell size: 3.2mm, Adhesive (Resin): Phenolic, Core Density: 0g.cm⁻³, Cell Wall: 0.025mm, Size: 150x150 mm to 600x600 mm
- AL002720** Thickness: **10mm**, Cell size: 6.3mm, Adhesive (Resin): Phenolic, Core Density: 0.083g.cm⁻³, Cell Wall: 0.064mm, Size: 300x300 mm to 600x600 mm
- AL002655** Thickness: **13.8mm**, Cell size: 6.3mm, Adhesive (Resin): Phenolic, Core Density: 0.083g.cm⁻³, Cell Wall: 0.064mm, Facing skin: Glass fibre 0.5mm, Size: 300x300 mm to 600x600 mm
- AL002656** Thickness: **13.9mm**, Cell size: 6.3mm, Adhesive (Resin): Phenolic, Core Density: 0.083g.cm⁻³, Cell Wall: 0.064mm, Facing skin: Aluminium 0.55mm, Size: 300x300 mm to 600x600 mm
- AL002540** Thickness: **20mm**, Cell size: 3.2mm, Adhesive (Resin): Phenolic, Core Density: 0.072g.cm⁻³, Cell Wall: 0.025mm, Size: 300x300 mm to 600x600 mm
- AL002640** Thickness: **20mm**, Cell size: 4.8mm, Adhesive (Resin): Phenolic, Core Density: 0.070g.cm⁻³, Cell Wall: 0.038mm, Size: 300x300 mm to 600x600 mm
- AL002840** Thickness: **20mm**, Cell size: 6.4mm, Adhesive (Resin): Phenolic, Core Density: 0.054g.cm⁻³, Cell Wall: 0.038mm, Size: 300x300 mm to 600x600 mm
- AL002940** Thickness: **20mm**, Cell size: 13mm, Adhesive (Resin): Phenolic, Core Density: 0.062g.cm⁻³, Cell Wall: 0.1mm, Size: 300x300 mm to 600x600 mm
- AL002675** Thickness: **26.5mm**, Cell size: 6.3mm, Adhesive (Resin): Phenolic, Core Density: 0.083g.cm⁻³, Cell Wall: 0.064mm, Facing skin: Glass fibre 0.5mm, Size: 300x300 mm to 600x600 mm
- AL002676** Thickness: **26.5mm**, Cell size: 6.3mm, Adhesive (Resin): Phenolic, Core Density: 0.083g.cm⁻³, Cell Wall: 0.064mm, Facing skin: Aluminium 0.55mm, Size: 300x300 mm to 600x600 mm
- AL002678** Thickness: **26.5mm**, Cell size: 6.3mm, Adhesive (Resin): Phenolic, Core Density: 0.083g.cm⁻³, Cell Wall: 0.064mm, Facing skin: Carbon Fibre / Epoxy, Size: 300x300 mm to 600x600 mm

Metals

AL002695 Thickness: **52.3mm**, Cell size: 6.3mm, Adhesive (Resin): Phenolic, Core Density: 0.083g.cm⁻³, Cell Wall: 0.064mm, Facing skin: Glass fibre 0.75mm, Size: 300x300 mm to 600x600 mm

AL002696 Thickness: **52.3mm**, Cell size: 6.3mm, Adhesive (Resin): Phenolic, Core Density: 0.083g.cm⁻³, Cell Wall: 0.064mm, Facing skin: Aluminium 0.55mm, Size: 150x150 mm



Sputtering Target

AL009200 Thickness: **2.0mm**, High Purity: 99.999%, Size: 50 mm to 75 mm

AL009300 Thickness: **3.0mm**, High Purity: 99.999%, Size: 50 mm to 75 mm

AL009500 Thickness: **5.0mm**, High Purity: 99.999%, Size: 50 mm to 75 mm

AL009600 Thickness: **6.0mm**, High Purity: 99.999%, Size: 50 mm to 75 mm

AL009900 Thickness: **10.0mm**, High Purity: 99.999%, Size: 50 mm to 75 mm



Foam

AL003802 Thickness: **3.2mm**, Bulk density: 0.2g.cm⁻³, Purity: 98.5%, Pores/cm: 16, Porosity: 93%, Grade: Aluminium 6101, Size: 150x150 mm

AL003805 Thickness: **6.35mm**, Bulk density: 0.2g.cm⁻³, Purity: 98.5%, Pores/cm: 2, Porosity: 93%, Grade: Aluminium 6101, Size: 150x150 mm

AL003810 Thickness: **6.35mm**, Bulk density: 0.2g.cm⁻³, Purity: 98.5%, Pores/cm: 4, Porosity: 93%, Grade: Aluminium 6101, Size: 150x150 mm

AL003815 Thickness: **6.35mm**, Bulk density: 0.2g.cm⁻³, Purity: 98.5%, Pores/cm: 8, Porosity: 93%, Grade: Aluminium 6101, Size: 150x150 mm

AL003825 Thickness: **6.35mm**, Bulk density: 0.2g.cm⁻³, Purity: 98.5%, Pores/cm: 16, Porosity: 93%, Grade: Aluminium 6101, Size: 150x150 mm

AL003826 Thickness: **6.35mm**, Bulk density: 0.2g.cm⁻³, Purity: 98.5%, Pores/cm: 16, Porosity: 93%, Grade: Aluminium 6101, Size: 300x400 mm

AL003835 Thickness: **10mm**, Bulk density: 0.2g.cm⁻³, Purity: 98.5%, Pores/cm: 16, Porosity: 93%, Grade: Aluminium 6101, Size: 150x150 mm

AL003860 Thickness: **30mm**, Bulk density: 0.2g.cm⁻³, Purity: 98.5%, Pores/cm: 16, Porosity: 93%, Grade: Aluminium 6101, Size: 150x150 mm



Mesh

AL008721 Nominal Aperture: **0.11mm**, Wire diameter: 0.1mm, Wires/inch: 120x120, Open area: 27%, Weave: Twill, Size: 100x100 mm to 500x500 mm

AL008710 Nominal Aperture: **0.38mm**, Wire diameter: 0.25mm, Wires/inch: 40x40, Open area: 37%, Type: Plain weave mesh, Size: 150x150 mm to 900x900 mm



Wire

AL005105 Diameter: **0.005mm**, Purity: 99.95%, Temper: Hard

AL005110 Diameter: **0.01mm**, Purity: 99.99%, Temper: Hard

AL005120 Diameter: **0.015mm**, Purity: 99.99%, Temper: Hard

AL005130 Diameter: **0.02mm**, Purity: 99.99%, Temper: Hard

AL005133 Diameter: **0.025mm**, Purity: 99.0 + %, Temper: As drawn

AL005134 Diameter: **0.025mm**, Purity: 99.99 + %, Temper: As drawn

AL005137 Diameter: **0.05mm**, Purity: 99.99 + %, Temper: As drawn

AL005138 Diameter: **0.063mm**, Purity: 99.99%, Temper: Annealed

AL005140 Diameter: **0.125mm**, Purity: 99.5%, Temper: As drawn

AL005145 Diameter: **0.125mm**, Purity: 99.99 + %, Temper: As drawn

AL005150 Diameter: **0.25mm**, Purity: 99.5%, Temper: As drawn

AL005155 Diameter: **0.25mm**, Purity: 99.95 + %, Temper: As drawn

AL005160 Diameter: **0.25mm**, High Purity: 99.99 + %, Temper: Hard

AL005164 Diameter: **0.30mm**, Purity: 99.5%, Temper: As drawn

AL005170 Diameter: **0.5mm**, Purity: 99.5%, Temper: As drawn

AL005173 Diameter: **0.5mm**, Purity: 99.95 + %, Temper: As drawn

AL005172 Diameter: **0.5mm**, High Purity: 99.999%, Temper: As drawn

AL005180 Diameter: **1.0mm**, Purity: 99.5%, Temper: As drawn

AL005183 Diameter: **1.0mm**, Purity: 99.95 + %, Temper: As drawn

AL005182 Diameter: **1.0mm**, High Purity: 99.999%, Temper: As drawn

AL005185 Diameter: **1.5mm**, High Purity: 99.999%, Temper: As drawn

AL005200 Diameter: **2.0mm**, High Purity: 99.999%, Temper: As drawn



Insulated Wire

AL005850 Conductor diameter: **0.1mm**, Insulation thickness: 0.005mm, Purity: 99.95 + %, Insulation: Polyimide



Rod

AL007901 Diameter: **5.0mm**, High Purity: 99.999%, Temper: As drawn, Length: 100 mm to 1000 mm

AL007906 Diameter: **6.0mm**, High Purity: 99.999%, Temper: As drawn, Length: 100 mm to 1000 mm

AL007910 Diameter: **10.0mm**, High Purity: 99.999%, Temper: As drawn, Length: 100 mm to 1000 mm

AL007912 Diameter: **12.0mm**, High Purity: 99.999%, Temper: As drawn, Length: 100 mm to 1000 mm

AL007915 Diameter: **15.0mm**, High Purity: 99.999%, Temper: As drawn, Length: 100 mm to 1000 mm

AL007920 Diameter: **20.0mm**, High Purity: 99.999%, Temper: As drawn, Length: 50 mm to 1000 mm

AL007924 Diameter: **24.0mm**, Purity: 98.5%, Condition: Foam Rod, Grade: Aluminium 6101, Bulk density: 0.2g.cm⁻³, Pores/cm: 16, Porosity: 93%, Length: 140 mm

AL007925 Diameter: **25.0mm**, High Purity: 99.999%, Temper: As drawn, Length: 50 mm to 100 mm

AL007928 Diameter: **28mm**, High Purity: 99.999%, Temper: As drawn, Length: 50 mm to 100 mm

Metals

AL007930 Diameter: **30.0mm**, High Purity: 99.999%,
 Temper: As drawn, Length: 50 mm to 1000 mm

AL007950 Diameter: **50.0mm**, High Purity: 99.999%,
 Temper: As drawn, Length: 25 mm to 500 mm

AL007975 Diameter: **77.5mm**, High Purity: 99.999%,
 Temper: As drawn, Length: 39.3 mm



Tube

AL007030 Outside Diameter: **0.30mm**, Wall Thickness:
 0.05mm, Purity: 99.5%, Inside Diameter:
 0.2mm, Temper: As drawn, Length: 100 mm to
 1000 mm

AL007025 Outside Diameter: **0.55mm**, Wall Thickness:
 0.075mm, Purity: 99.5%, Inside Diameter:
 0.4mm, Temper: As drawn, Length: 100 mm to
 1000 mm

AL007020 Outside Diameter: **0.6mm**, Wall Thickness:
 0.15mm, Purity: 99.5%, Inside Diameter:
 0.3mm, Temper: As drawn, Length: 100 mm to
 1000 mm

AL007040 Outside Diameter: **0.86mm**, Wall Thickness:
 0.05mm, Purity: 99.5%, Inside Diameter:
 0.76mm, Temper: As drawn, Length: 100 mm to
 1000 mm

AL007050 Outside Diameter: **1.42mm**, Wall Thickness:
 0.127mm, Purity: 99.5%, Inside Diameter:
 1.166mm, Temper: As drawn, Length: 100 mm
 to 1000 mm

AL007100 Outside Diameter: **1.96mm**, Wall Thickness:
 0.28mm, Purity: 99.5%, Inside Diameter:
 1.4mm, Temper: As drawn, Length: 100 mm to
 1000 mm

AL007200 Outside Diameter: **3.0mm**, Wall Thickness:
 0.69mm, Purity: 99.5%, Inside Diameter:
 1.62mm, Temper: Hard, Length: 100 mm to
 1000 mm

AL007750 Outside Diameter: **25.4x25.4mm**, Wall
 Thickness: 1.6mm, Purity: 99.5%, Inside
 Diameter: 22.2x22.2mm, Condition:
 Square section, Length: 100 mm to 1000 mm



Powder

AL006038 Max. Particle size: **15micron**, Purity: 99%

AL006035 Max. Particle size: **25micron**, Purity: 99%

AL006020 Max. Particle size: **50micron**, Purity: 99.5%

AL006031 Max. Particle size: **60micron**, Purity: 99.9%

AL006015 Max. Particle size: **125micron**, Purity: 99.5%

AL006010 Max. Particle size: **400micron**, Purity: 99.5%



Lump

AL006100 Max. Lump size: **10mm**, High Purity: 99.999%,
 Condition: Pellets

AL006102 Max. Lump size: **10mm**, High Purity: 99.999%,
 Condition: Pellets

AL006106 Max. Lump size: **10mm**, High Purity: 99.9995%,
 Condition: Pellets

AL006107 Max. Lump size: **10mm**, High Purity: 99.9999%,
 Condition: Pellets

AL006103 Max. Lump size: **15mm**, High Purity: 99.999%,
 Condition: Pellets

AL006105 Max. Lump size: **15mm**, High Purity: 99.999%,
 Condition: Pellets

AL006104 Max. Lump size: **20mm**, High Purity: 99.999%,
 Condition: Pellets



Sphere

AL006810 Diameter: **1.0mm**, Purity: 95.2%, Grade:
 Aluminium alloy 2017

AL006820 Diameter: **2.0mm**, Purity: 95.2%, Grade:
 Aluminium alloy 2017

AL006825 Diameter: **2.5mm**, Purity: 95.2%, Grade:
 Aluminium alloy 2017

AL006830 Diameter: **3.0mm**, Purity: 95.2%, Grade:
 Aluminium alloy 2017

AL006860 Diameter: **6.0mm**, Purity: 99.0%



Single Crystal

AL002110 Oriented: **(100)**, Diameter: 12mm, Purity:
 99.999%, Length: 2mm

AL002119 Oriented: **(110)**, Diameter: 12mm, Purity:
 99.999%, Length: 25mm

AL002120 Oriented: **(110)**, Diameter: 12mm, Purity:
 99.999%, Length: 50mm

AL002109 Oriented: **Random**, Diameter: 5mm, Purity:
 99.999%, Length: 5mm

Antimony (Sb)



Microfoil

SB004700 Thickness: **0.5µm**, Specific density:
 334.5 µg.cm⁻², Purity: 95+%, Permanent
 support: 6 micron Aluminium, Size: 25x25 mm to
 50x50 mm



Foil

SB000030 Thickness: **0.002mm**, Purity: 95+%, Support:
 Permanent Polyester

SB000070 Thickness: **0.005mm**, Purity: 95+%, Support:
 Permanent Polyester

SB000120 Thickness: **0.01mm**, Purity: 95+%, Support:
 Permanent Polyester

SB000140 Thickness: **0.015mm**, Purity: 95+%, Support:
 Permanent Polyester

SB000160 Thickness: **0.025mm**, Purity: 95+%, Support:
 Permanent Polyester

SB000190 Thickness: **0.05mm**, Purity: 95+%, Support:
 Permanent Polyester



Sputtering Target

SB009300 Thickness: **3mm**, Size: 25 mm to 50 mm



Rod

SB007906 Diameter: **4.7mm**, Purity: 99.999%, Length:
 25 mm to 50 mm

SB007910 Diameter: **6mm**, High Purity: 99.999%, Length:
 6 mm



Powder

SB006020 Mean Particle size: **4micron (FSS)**, Purity:
 99.2%

SB006030 Max. Particle size: **45micron**, Purity: 99.5+%

SB006021 Max. Particle size: **75micron**, Purity: 99.2%

SB006010 Max. Particle size: **150micron**, Purity: 99.2%

SB006015 Max. Particle size: **150micron**, High Purity:
 99.999%



Lump

SB006120 Max. Lump size: **5mm**, High Purity: 99.9999%

SB006100 Max. Lump size: **20mm**, High Purity: 99.999%

Metals

Single Crystal

SB002111 Oriented: (111), Diameter: 12mm, Purity: 99.999%, Length: 2mm

Arsenic (As)

Lump

AS006125 Max. Lump size: 20mm, Purity: 99.99%

AS006105 Max. Lump size: 20mm, High Purity: 99.9999%

Barium (Ba)

Lump

BA006100 Max. Lump size: 25mm, Purity: 99.0%, Packing Note: Packed in Oil

Beryllium (Be)

Foil

BE000050 Thickness: 0.00025mm, Purity: 99.9%, Support: Temporary Copper

BE000100 Thickness: 0.001mm, Purity: 99.9%, Support: Temporary Copper

BE000125 Thickness: 0.0025mm, Purity: 99.9%, Support: Temporary Copper

BE000151 Thickness: 0.005mm, Purity: 99.0%

BE000150 Thickness: 0.005mm, Purity: 99.9%, Support: Temporary Copper

BE000175 Thickness: 0.0075mm, Purity: 99.9%, Support: Temporary Copper

BE000200 Thickness: 0.01mm, Purity: 99.8+%, Size: 12.5x12.5 mm to 50x50 mm

BE000210 Thickness: 0.015mm, Purity: 99.8+%, Size: 10x10 mm to 50x50 mm

BE000221 Thickness: 0.025mm, Purity: 99.8+%, Condition: Vacuum tight, Diameter: 25.4 mm

BE000220 Thickness: 0.025mm, Purity: 99.8+%, Condition: Vacuum tight, Size: 25x25 mm to 50x50 mm

BE000229 Thickness: 0.125mm, Purity: 99.0%, Condition: Vacuum tight, Diameter: 20 mm

BE000230 Thickness: 0.125mm, Purity: 99.0%, Condition: Vacuum tight, Size: 25x25 mm to 50x50 mm

BE000231 Thickness: 0.125mm, Purity: 99.8+%, Condition: Vacuum tight, Size: 25x25 mm

BE000235 Thickness: 0.125mm, Purity: 99.8+%, Condition: Vacuum tight, Diameter: 25 mm

BE000236 Thickness: 0.125mm, Purity: 99.8+%, Condition: Vacuum tight, Diameter: 18.8 mm

BE000232 Thickness: 0.125mm, Purity: 99.8+%, Condition: Vacuum tight, Size: 50x50 mm

BE000233 Thickness: 0.125mm, Purity: 99.8+%, Condition: Vacuum tight, Size: 100x100 mm

BE000241 Thickness: 0.25mm, Purity: 99.0%, Condition: Vacuum tight, Diameter: 25 mm

BE000240 Thickness: 0.25mm, Purity: 99.0%, Condition: Vacuum tight, Size: 25x25 mm to 50x50 mm

BE000252 Thickness: 0.25mm, Purity: 99.8%, Condition: Vacuum tight, Diameter: 15 mm

BE000251 Thickness: 0.25mm, Purity: 99.8%, Condition: Vacuum tight, Diameter: 29 mm

BE000250 Thickness: 0.25mm, Purity: 99.8+%, Condition: Vacuum tight, Size: 25x25 mm to 100x100 mm

BE000290 Thickness: 0.5mm, Purity: 99.0%, Condition: Vacuum tight, Size: 25x25 mm to 100x100 mm

BE000303 Thickness: 0.5mm, Purity: 99.8+%, Condition: Vacuum tight, Diameter: 10 mm

BE000300 Thickness: 0.5mm, Purity: 99.8+%, Condition: Vacuum tight, Size: 25x25 mm

BE000301 Thickness: 0.5mm, Purity: 99.8+%, Condition: Vacuum tight, Size: 50x50 mm

BE000330 Thickness: 1.0mm, Purity: 99.0%, Condition: Vacuum tight, Size: 25x25 mm to 100x100 mm

BE000331 Thickness: 1.0mm, Purity: 99.0%, Condition: Vacuum tight, Diameter: 10 mm

BE000350 Thickness: 1.0mm, Purity: 99.8+%, Condition: Vacuum tight, Size: 25x25 mm

BE000351 Thickness: 1.0mm, Purity: 99.8+%, Condition: Vacuum tight, Size: 50x50 mm

BE000360 Thickness: 2.0mm, Purity: 99.0%, Condition: Vacuum tight, Size: 25x25 mm to 100x100 mm

BE000400 Thickness: 2.0mm, Purity: 99.8+%, Condition: Vacuum tight, Size: 25x25 mm

Sputtering Target

BE009100 Thickness: 1.0mm, Purity: 99.0%, Size: 25 mm

BE009200 Thickness: 2.0mm, Purity: 99.0%, Size: 25 mm to 50 mm

BE009300 Thickness: 3.0mm, Purity: 99.0%, Size: 25 mm

Mesh

BE008710 Nominal Aperture: 0.13mm, Thickness: 0.025mm, Wire diameter: 0.1mm, Wires/inch: 100, Open area: 50%, Type: Electro-formed mesh, Size: 5x5 mm

Wire

BE005100 Diameter: 0.05mm, Purity: 99.7%, Condition: Annealed and Clean

BE005110 Diameter: 0.125mm, Purity: 99.7%, Condition: Annealed and Clean

BE005115 Diameter: 0.25mm, Purity: 99.7%, Condition: Annealed and Clean

BE005120 Diameter: 0.356mm, Purity: 99.7%, Condition: Annealed and Clean

BE005125 Diameter: 0.5mm, Purity: 99.0%, Condition: Annealed and Clean

BE005126 Diameter: 0.6mm, Purity: 99.0%, Condition: Annealed and Clean

BE005128 Diameter: 0.75mm, Purity: 99.0%, Condition: Annealed and Clean

BE005129 Diameter: 0.85mm, Purity: 99.0%, Condition: Annealed and Clean

BE005131 Diameter: 1.2mm, Purity: 99.7%

Flake

BE006200 Max. Flake size: 10mm, Purity: 99.5%, Condition: Electrolytic

Bismuth (Bi)

Foil

BI000020 Thickness: 0.001mm, Purity: 99.97%, Support: Permanent Polyester

BI000030 Thickness: 0.002mm, Purity: 99.97%, Support: Permanent Polyester

BI000040 Thickness: 0.0025mm, Purity: 99.97%, Support: Permanent Polyester

Metals

- BI000070** Thickness: **0.005mm**, Purity: 99.97%, Support: Permanent Polyester
- BI000120** Thickness: **0.01mm**, Purity: 99.97%, Support: Permanent Polyester
- BI000140** Thickness: **0.015mm**, Purity: 99.97%, Support: Permanent Polyester
- BI000150** Thickness: **0.02mm**, Purity: 99.97%, Support: Permanent Polyester
- BI000160** Thickness: **0.025mm**, Purity: 99.97%, Support: Permanent Polyester
- BI000190** Thickness: **0.05mm**, Purity: 99.97%, Support: Permanent Polyester
- BI000220** Thickness: **0.25mm**, High Purity: 99.999%, Size: 25x25 mm to 50x50 mm
- BI000240** Thickness: **0.5mm**, High Purity: 99.999%, Size: 25x25 mm to 50x50 mm
- BI000250** Thickness: **1.0mm**, High Purity: 99.999%, Size: 25x25 mm to 50x50 mm
- BI000300** Thickness: **2.0mm**, High Purity: 99.999%, Size: 25x25 mm to 50x50 mm



Sputtering Target

- BI009300** Thickness: **3.0mm**, Purity: 99.97%, Size: 50 mm to 75 mm
- BI009600** Thickness: **6.0mm**, Purity: 99.97%, Size: 50 mm to 75 mm



Rod

- BI007911** Diameter: **10.0mm**, High Purity: 99.997%, Condition: Cast sticks, Tolerance: 20%, Length: 120 mm
- BI007910** Diameter: **10.0mm**, High Purity: 99.999%, Condition: Cast sticks, Tolerance: 20%, Length: 70 mm to 140 mm



Powder

- BI006040** Max. Particle size: **37micron**, Purity: 99.5+%
- BI006019** Max. Particle size: **150micron**, Purity: 99.97%
- BI006018** Max. Particle size: **150micron**, High Purity: 99.997%
- BI006015** Max. Particle size: **150micron**, High Purity: 99.999%



Lump

- BI006110** Max. Lump size: **7mm**, Purity: 99.999%, Condition: Shot
- BI006105** Max. Lump size: **25mm**, High Purity: 99.9999%, Condition: Broken ingot



Single Crystal

- BI002111** Oriented: **(111)**, Diameter: 12mm, Purity: 99.999%, Length: 2mm

Boron (B)



Microfoil

- B 004501** Thinness: **0.1µm**, Specific density: 23.5 µg.cm⁻², Purity: 99.6%, Permanent support: 6 micron Aluminium, Diameter: 25 mm
- B 004500** Thinness: **0.1µm**, Specific density: 23.5 µg.cm⁻², Purity: 99.6%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm



Foil

- B 000230** Thickness: **3.0mm**, Purity: 99.6%, Condition: Hot-pressed, Size: 25x25 mm



Sputtering Target

- B 009300** Thickness: **3.0mm**, Size: 25 mm to 75 mm
- B 009600** Thickness: **6.0mm**, Size: 50.8 mm to 75 mm



Monofilament

- B 005910** Diameter: **0.1mm**
- B 005915** Diameter: **0.2mm**



Rod

- B 007905** Diameter: **5mm**, Purity: 99.6%, Condition: Cast, Length: 8 mm to 11 mm
- B 007910** Diameter: **10mm**, Purity: 99.6%, Condition: Cast, Length: 5 mm to 8 mm



Powder

- B 006041** Mean Particle size: **0.9micron (FSS)**, Purity: 95+%, Condition: Amorphous
- B 006020** Mean Particle size: **1micron (FSS)**, Purity: 92.1%, Condition: Amorphous
- B 006012** Max. Particle size: **45micron**, Purity: 99.6%, Condition: Crystalline



Granule

- B 006300** Nominal Granule Size: **15mm**, Purity: 99%

Cadmium (Cd)



Foil

- CD000021** Thickness: **0.001mm**, Purity: 99.7+%
- CD000030** Thickness: **0.002mm**, Purity: 99.7+%
- CD000070** Thickness: **0.005mm**, Purity: 99.7+%, Diameter: 4 mm to 15 mm
- CD000120** Thickness: **0.01mm**, Purity: 99.7+%, Diameter: 4 mm to 15 mm
- CD000140** Thickness: **0.015mm**, Purity: 99.7+%, Diameter: 4 mm to 15 mm
- CD000160** Thickness: **0.025mm**, Purity: 99.7+%, Diameter: 4 mm to 15 mm
- CD000200** Thickness: **0.05mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- CD000232** Thickness: **0.125mm**, Purity: 99.95%, Temper: As rolled, Size: 50x50 mm to 100x300 mm
- CD000230** Thickness: **0.125mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- CD000239** Thickness: **0.25mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 50x50 mm
- CD000251** Thickness: **0.25mm**, Purity: 99.95%, Temper: As rolled, Size: 150x150 mm to 300x300 mm
- CD000250** Thickness: **0.25mm**, Purity: 99.99%, Temper: As rolled, Size: 100x100 mm
- CD000240** Thickness: **0.25mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- CD000263** Thickness: **0.5mm**, Purity: 99.95%, Temper: As rolled, Size: 100x100 mm to 1000x1000 mm
- CD000260** Thickness: **0.5mm**, Purity: 99.99%, Temper: As rolled, Size: 100x100 mm to 300x300 mm
- CD000261** Thickness: **0.5mm**, Purity: 99.99%, Temper: As rolled, Size: 1000x1000 mm
- CD000262** Thickness: **0.5mm**, High Purity: 99.999%, Temper: As rolled, Coil width 30 mm, Size: 25x25 mm to 30x150 mm

Metals

CD000272 Thickness: **1.0mm**, Purity: 99.95%, Temper: As rolled, Size: 100x100 mm to 385x1000 mm

CD000273 Thickness: **1.0mm**, Purity: 99.95%, Temper: As rolled, Size: 500x1000 mm to 1000x1000 mm

CD000270 Thickness: **1.0mm**, Purity: 99.99%, Temper: As rolled, Size: 150x150 mm

CD000280 Thickness: **1.0mm**, High Purity: 99.999%, Temper: As rolled, Size: 25x25 mm to 50x200 mm

CD000300 Thickness: **2.0mm**, Purity: 99.99%, Temper: As rolled, Size: 50x50 mm to 300x1000 mm

CD000350 Thickness: **3.0mm**, Purity: 99.9%, Temper: As rolled, Size: 50x50 mm to 150x150 mm



Sputtering Target

CD009200 Thickness: **2.0mm**, Purity: 99.99%, Size: 50 mm to 75 mm



Wire

CD005090 Diameter: **0.125mm**, Purity: 99.9%, Temper: As drawn

CD005100 Diameter: **0.25mm**, High Purity: 99.99 + %, Temper: Hard

CD005105 Diameter: **0.5mm**, Purity: 99.95 + %, Temper: Hard

CD005110 Diameter: **0.5mm**, High Purity: 99.99 + %, Temper: Hard

CD005125 Diameter: **1.0mm**, High Purity: 99.999%, Temper: Hard

CD005127 Diameter: **1.2mm**, High Purity: 99.99 + %, Temper: As drawn

CD005130 Diameter: **2.0mm**, High Purity: 99.99 + %, Temper: Hard



Rod

CD007900 Diameter: **5.0mm**, High Purity: 99.99 + %, Temper: Hard, Length: 100 mm to 1000 mm

CD007925 Diameter: **10.0mm**, High Purity: 99.99 + %, Temper: As drawn, Length: 150 mm to 300 mm

CD007920 Diameter: **10.0mm**, High Purity: 99.999%, Length: 50 mm to 200 mm

CD007940 Diameter: **40mm**, Purity: 99.9%, Length: 25 mm to 100 mm



Tube

CD007200 Outside Diameter: **2.29mm**, Wall Thickness: 0.51mm, Purity: 99.95 + %, Inside Diameter: 1.27mm, Length: 100 mm to 1000 mm



Powder

CD006010 Max. Particle size: **53micron**, Purity: 99.5 + %

CD006020 Max. Particle size: **60micron**, Purity: 99.9%



Lump

CD006110 Max. Lump size: **5mm**, Purity: 99.99 + %, Condition: Shot

CD006100 Max. Lump size: **100mm**, Purity: 99.99%, Condition: Cast sticks



Single Crystal

CD002110 Oriented: **(0001)**, Diameter: 12mm, Purity: 99.999%, Length: 2mm

CD002120 Oriented: **(0001)**, Diameter: 12mm, Purity: 99.999%, Length: 50mm

Caesium (Cs)



Lump

CS006100 Max. Lump size: **5mm**, Purity: 99.9%, Melting Point: 28.5C

Calcium (Ca)



Lump

CA006100 Max. Lump size: **5mm**, Purity: 99.0%

Carbon (C)



Microleaf

C 004905 Thinness: **0.0025µm**, Specific density: 0.5 µg.cm⁻², Purity: 99.997%, Support: Temporary Glass, Size: 25x70 mm

C 004910 Thinness: **0.025µm**, Specific density: 5 µg.cm⁻², Purity: 99.997%, Support: Temporary Glass, Size: 25x70 mm

C 004920 Thinness: **0.050µm**, Specific density: 10 µg.cm⁻², Purity: 99.997%, Support: Temporary Glass, Size: 25x70 mm

C 004940 Thinness: **0.25µm**, Specific density: 50 µg.cm⁻², Purity: 99.997%, Support: Temporary Glass, Size: 25x70 mm

C 004960 Thinness: **0.50µm**, Specific density: 100 µg.cm⁻², Purity: 99.997%, Support: Temporary Glass, Size: 25x70 mm

C 004980 Thinness: **1.25µm**, Specific density: 250 µg.cm⁻², Purity: 99.997%, Size: 25x70 mm to 50x70 mm

C 004990 Thinness: **2.5µm**, Specific density: 500 µg.cm⁻², Purity: 99.997%, Size: 25x70 mm to 50x70 mm

C 004995 Thinness: **5.0µm**, Specific density: 1000 µg.cm⁻², Purity: 99.997%, Size: 24x70 mm



Foil

C 000205 Thickness: **0.075mm**, Purity: 99.8%, Condition: Flexible graphite

C 000720 Thickness: **0.1mm**, Purity: 99.99%, Condition: Pyrolytic Graphite, Size: 25x25 mm

C 000721 Thickness: **0.1mm**, Purity: 99.99%, Condition: Pyrolytic Graphite, Size: 50x50 mm

C 000208 Thickness: **0.125mm**, Purity: 99.8%, Condition: Flexible graphite

C 000400 Thickness: **0.125mm**, Purity: 99.95%, Condition: Rigid graphite, Grain size: Fine, Size: 12.5x12.5 mm to 150x150 mm

C 000405 Thickness: **0.15mm**, Purity: 99.95%, Condition: Rigid graphite, Grain size: Fine, Size: 25x25 mm

C 000305 Thickness: **0.2mm**, Purity: 99.8%, Condition: Flexible graphite, Size: 25x25 mm to 500x500 mm

C 000731 Thickness: **0.2mm**, Purity: 99.99%, Condition: Pyrolytic Graphite, Size: 50x50 mm

C 000410 Thickness: **0.25mm**, Purity: 99.95%, Condition: Rigid graphite, Grain size: Fine, Size: 25x25 mm to 150x150 mm

C 000411 Thickness: **0.25mm**, Purity: 99.997%, Condition: Rigid graphite, Grain size: Fine, Size: 25x25 mm to 100x100 mm

C 000315 Thickness: **0.35mm**, Purity: 99.8%, Condition: Flexible graphite, Size: 50x50 mm to 500x500 mm

C 000320 Thickness: **0.5mm**, Purity: 99.8%, Condition: Flexible graphite, Size: 50x50 mm

Metals

- C 000321** Thickness: **0.5mm**, Purity: 99.8%, Condition: Flexible graphite, Size: 50x50 mm to 500x500 mm
- C 000420** Thickness: **0.5mm**, Purity: 99.95%, Condition: Rigid graphite, Grain size: Fine, Size: 25x25 mm to 150x150 mm
- C 000735** Thickness: **0.5mm**, Purity: 99.99%, Condition: Pyrolytic Graphite, Size: 25x25 mm
- C 000421** Thickness: **0.5mm**, Purity: 99.997%, Condition: Rigid graphite, Grain size: Fine, Size: 25x25 mm to 100x100 mm
- C 000330** Thickness: **1.0mm**, Purity: 99.8%, Condition: Flexible graphite, Size: 50x50 mm to 500x500 mm
- C 000430** Thickness: **1.0mm**, Purity: 99.95%, Condition: Rigid graphite, Grain size: Fine, Size: 25x25 mm to 150x150 mm
- C 000431** Thickness: **1.0mm**, Purity: 99.95%, Condition: Rigid graphite, Grain size: Fine, Size: 200x200 mm
- C 000620** Thickness: **2.0mm**, Condition: HOPG, Size: 5x5 mm to 15x15 mm
- C 000440** Thickness: **2.5mm**, Purity: 99.95%, Condition: Rigid graphite, Grain size: Fine, Size: 25x25 mm to 100x100 mm
- C 000350** Thickness: **5.0mm**, Purity: 99.5+ %, Condition: Rigid graphite, Grain size: Medium, Size: 50x50 mm to 150x150 mm
- C 000360** Thickness: **10.0mm**, Purity: 99.5+ %, Condition: Rigid graphite, Grain size: Medium, Size: 48x48 mm to 150x150 mm



Sputtering Target

- C 009300** Thickness: **3.0mm**, Purity: 99.997%, Size: 25 mm to 100 mm
- C 009600** Thickness: **6.0mm**, Purity: 99.997%, Size: 25 mm to 100 mm



Fabric

- C 003510** Weight.m⁻²: **92g**, Ends x Picks/10cm: 69x69, Warp Yarn: 66Tex, Weft Yarn: 66Tex, Weave: Plain, Thickness: 0.15mm, Size: 250x250 mm to 1000x1000 mm
- C 003550** Weight.m⁻²: **110g**, Ends x Picks/10cm: 130x130, Weave: Plain, Thickness: 0.5mm, Coil width 1050 mm, Size: 300x300 mm
- C 003531** Weight.m⁻²: **200g**, Ends x Picks/10cm: 50x50, Warp Yarn: 200Tex, Weft Yarn: 200Tex, Weave: Plain, Thickness: 0.3mm, Size: 150x150 mm to 1000x1000 mm
- C 003580** Weight.m⁻²: **406g**, Ends x Picks/10cm: 50x50, Warp Yarn: 400(T)Tex, Weft Yarn: 400(T)Tex, Weave: 2/2 Twill, Thickness: 0.4mm, Size: 150x150 mm to 1000x1000 mm



Fibre

- C 005735** Tex Number: **200**, Filament Diameter: 0.007mm, Number of Filaments: 3000, Grade: Tenax HTA, Condition: Epoxy sized, Condition: Continuous multi-filament TOW.
- C 005780** Tex Number: **280**, Filament Diameter: 0.009mm, Number of Filaments: 2000, Grade: F500, Condition: Epoxy sized (1.0%), Condition: Continuous multi-filament TOW.
- C 005785** Tex Number: **320**, Filament Diameter: 0.01mm, Number of Filaments: 2000, Grade: P100, Condition: Epoxy sized, Condition: Continuous multi-filament TOW.
- C 005750** Tex Number: **390**

- C 005731** Tex Number: **400**, Filament Diameter: 0.005mm, Number of Filaments: 12000, Condition: Continuous multi-filament TOW., Condition: Epoxy/PU sized (1.0%)
- C 005711** Tex Number: **400**, Filament Diameter: 0.007mm, Number of Filaments: 6000, Grade: Tenax HTA, Condition: Epoxy sized (1.2%), Condition: Continuous multi-filament TOW.
- C 005775** Tex Number: **420**, Filament Diameter: 0.01mm, Number of Filaments: 3000, Grade: F180, Condition: Epoxy sized (1.0%), Condition: Continuous multi-filament TOW.
- C 005770** Tex Number: **720**, Filament Diameter: 0.011mm, Number of Filaments: 4000, Grade: P25, Condition: Epoxy sized, Condition: Continuous multi-filament TOW.
- C 005725** Tex Number: **795**, Filament Diameter: 0.007mm, Number of Filaments: 12000, Grade: XAS, Condition: Epoxy sized (1.6%), Condition: Continuous multi-filament TOW.
- C 005722** Tex Number: **795**, Filament Diameter: 0.007mm, Number of Filaments: 12000, Grade: 34-700, Condition: Un sized, Condition: Continuous multi-filament TOW.
- C 005730** Tex Number: **900**, Filament Diameter: 0.008mm, Number of Filaments: 10000, Grade: HM, Condition: Epoxy sized (0.7%), Condition: Continuous multi-filament TOW.



Chopped Fibre

- C 006510** Nominal Diameter: **0.007mm**, Fibre length: 1mm, Grade: 34-700
- C 006560** Nominal Diameter: **0.007mm**, Fibre length: 6mm, Grade: 34-700



Rod

- C 007905** Diameter: **0.5mm**, Purity: 99.95%, Condition: Graphite, Length: 2 mm
- C 007906** Diameter: **0.5mm**, Purity: 99.95%, Condition: Graphite, Length: 50 mm
- C 007908** Diameter: **1.0mm**, Purity: 99.95%, Condition: Graphite, Length: 50 mm to 100 mm
- C 007909** Diameter: **1.5mm**, Purity: 99.997%, Condition: Graphite, Length: 50 mm
- C 007911** Diameter: **2.0mm**, Purity: 99.997%, Condition: Graphite, Length: 100 mm to 300 mm
- C 007910** Diameter: **3.0mm**, Purity: 99.997%, Condition: Graphite, Length: 100 mm to 300 mm
- C 007920** Diameter: **5.0mm**, Purity: 99.997%, Condition: Graphite, Length: 100 mm to 300 mm
- C 007921** Diameter: **6.35mm**, Purity: 99.997%, Condition: Graphite, Length: 100 mm to 300 mm
- C 007930** Diameter: **10.0mm**, Purity: 99.997%, Condition: Graphite, Length: 100 mm to 300 mm
- C 007940** Diameter: **13.0mm**, Purity: 99.997%, Condition: Graphite, Length: 100 mm to 300 mm
- C 007950** Diameter: **25mm**, Purity: 99.95%, Condition: Graphite, Length: 50 mm to 300 mm
- C 007955** Diameter: **25mm**, Purity: 99.997%, Condition: Graphite, Length: 50 mm to 150 mm
- C 007975** Diameter: **50mm**, Purity: 99.95%, Condition: Graphite, Length: 25 mm to 150 mm
- C 007980** Diameter: **70mm**, Purity: 99.95%, Condition: Graphite, Length: 150 mm

Metals



Tube

- C 007200** Outside Diameter: **3.18mm**, Wall Thickness: 1.0mm, Purity: 99.95%, Inside Diameter: 1.18mm, Condition: Graphite, Length: 50 mm to 150 mm
- C 007300** Outside Diameter: **6.35mm**, Wall Thickness: 1.6mm, Purity: 99.95%, Inside Diameter: 3.15mm, Condition: Graphite, Length: 50 mm to 150 mm
- C 007400** Outside Diameter: **12.7mm**, Wall Thickness: 1.6mm, Purity: 99.95%, Inside Diameter: 9.5mm, Condition: Graphite, Length: 50 mm to 150 mm



Powder

- C 006011** Max. Particle size: **75micron**, High Purity: 99.997%, Condition: Graphite



Lump

- C 006100** Max. Lump size: **1.5mm**, Purity: 99.8%

Carbon - Diamond (C)



Film

- DI001075** Thickness: **0.001 mm**, Condition: Ultrananocrystalline diamond (UNCD), Grade: AQUA 100, Roughness: < 100nm RMS, Hardness: > 900 GPa, Grain size: 200-300 nm, Size: 25x25 mm
- DI001076** Thickness: **0.001 mm**, Condition: Ultrananocrystalline diamond (UNCD), Grade: AQUA 100, Roughness: < 100nm RMS, Hardness: > 900 GPa, Grain size: 200-300 nm, Diameter: 100 mm
- DI001077** Thickness: **0.001 mm**, Condition: Ultrananocrystalline diamond (UNCD), Grade: AQUA 100, Roughness: < 100nm RMS, Hardness: > 900 GPa, Grain size: 200-300 nm, Diameter: 150 mm
- DI001078** Thickness: **0.001 mm**, Condition: Ultrananocrystalline diamond (UNCD), Grade: AQUA 100, Roughness: < 100nm RMS, Hardness: > 900 GPa, Grain size: 200-300 nm, Diameter: 200 mm
- DI001060** Thickness: **0.002 mm**, Condition: Ultrananocrystalline diamond (UNCD), Grade: AQUA 25, Roughness: < 15nm RMS, Hardness: > 800 GPa, Grain size: 3-50 nm, Size: 25x25 mm
- DI001065** Thickness: **0.002 mm**, Condition: Ultrananocrystalline diamond (UNCD), Grade: AQUA 40, Roughness: < 25nm RMS, Hardness: > 900 GPa, Grain size: 50-100 nm, Size: 25x25 mm
- DI001070** Thickness: **0.002 mm**, Condition: Ultrananocrystalline diamond (UNCD), Grade: AQUA 50, Roughness: < 50nm RMS, Hardness: > 900 GPa, Grain size: 100-150 nm, Size: 25x25 mm
- DI001061** Thickness: **0.002 mm**, Condition: Ultrananocrystalline diamond (UNCD), Grade: AQUA 25, Roughness: < 15nm RMS, Hardness: > 800 GPa, Grain size: 3-50 nm, Diameter: 100 mm
- DI001066** Thickness: **0.002 mm**, Condition: Ultrananocrystalline diamond (UNCD), Grade: AQUA 40, Roughness: < 25nm RMS, Hardness: > 900 GPa, Grain size: 50-100 nm, Diameter: 100 mm

- DI001071** Thickness: **0.002 mm**, Condition: Ultrananocrystalline diamond (UNCD), Grade: AQUA 50, Roughness: < 50nm RMS, Hardness: > 900 GPa, Grain size: 100-150 nm, Diameter: 100 mm
- DI001062** Thickness: **0.002 mm**, Condition: Ultrananocrystalline diamond (UNCD), Grade: AQUA 25, Roughness: < 15nm RMS, Hardness: > 800 GPa, Grain size: 3-50 nm, Diameter: 150 mm
- DI001067** Thickness: **0.002 mm**, Condition: Ultrananocrystalline diamond (UNCD), Grade: AQUA 40, Roughness: < 25nm RMS, Hardness: > 900 GPa, Grain size: 50-100 nm, Diameter: 150 mm
- DI001072** Thickness: **0.002 mm**, Condition: Ultrananocrystalline diamond (UNCD), Grade: AQUA 50, Roughness: < 50nm RMS, Hardness: > 900 GPa, Grain size: 100-150 nm, Diameter: 150 mm
- DI001063** Thickness: **0.002 mm**, Condition: Ultrananocrystalline diamond (UNCD), Grade: AQUA 25, Roughness: < 15nm RMS, Hardness: > 800 GPa, Grain size: 3-50 nm, Diameter: 200 mm
- DI001068** Thickness: **0.002 mm**, Condition: Ultrananocrystalline diamond (UNCD), Grade: AQUA 40, Roughness: < 25nm RMS, Hardness: > 900 GPa, Grain size: 50-100 nm, Diameter: 200 mm
- DI001073** Thickness: **0.002 mm**, Condition: Ultrananocrystalline diamond (UNCD), Grade: AQUA 50, Roughness: < 50nm RMS, Hardness: > 900 GPa, Grain size: 100-150 nm, Diameter: 200 mm
- DI001090** Thickness: **0.25mm**, Condition: Natural, Size: 3x3 mm
- DI001080** Thickness: **0.30 mm**, Condition: CVD, Polycrystalline, Diameter: 5 mm
- DI001082** Thickness: **0.30 mm**, Condition: CVD, Polycrystalline, Diameter: 10 mm

Carbon - Vitreous (C)



Foil

- VC000250** Thickness: **0.2mm**, Condition: Glassy Carbon, Diameter: 10 mm
- VC000252** Thickness: **0.2mm**, Condition: Glassy Carbon, Diameter: 25 mm
- VC000251** Thickness: **0.2mm**, Condition: Glassy Carbon, Diameter: 100 mm
- VC000400** Thickness: **0.5mm**, Condition: Glassy Carbon, Size: 25x25 mm
- VC000502** Thickness: **1.0mm**, Condition: Glassy Carbon, Size: 10x10 mm
- VC000500** Thickness: **1.0mm**, Condition: Glassy Carbon, Size: 50x50 mm to 100x100 mm
- VC000501** Thickness: **1.0mm**, Condition: Glassy Carbon, Size: 200x200 mm
- VC000551** Thickness: **2.0mm**, Condition: Glassy Carbon, Size: 10x10 mm
- VC000550** Thickness: **2.0mm**, Condition: Glassy Carbon, Size: 100x100 mm
- VC000601** Thickness: **4.0mm**, Condition: Glassy Carbon, Size: 10x10 mm
- VC000600** Thickness: **4.0mm**, Condition: Glassy Carbon, Size: 25x25 mm to 50x50 mm

Metals



Foam

- VC003810** Thickness: **2.5mm**, Bulk density: 0.05g.cm⁻³, Pores/cm: 24, Porosity: 96.5%, Size: 150x150 mm
- VC003821** Thickness: **3.2mm**, Bulk density: 0.05g.cm⁻³, Pores/cm: 24, Porosity: 96.5%, Size: 150x150 mm
- VC003823** Thickness: **3.2mm**, Bulk density: 0.05g.cm⁻³, Pores/cm: 24, Porosity: 96.5%, Size: 275x330 mm
- VC003825** Thickness: **6.35mm**, Bulk density: 0.05g.cm⁻³, Pores/cm: 24, Porosity: 96.5%, Size: 150x150 mm
- VC003827** Thickness: **6.35mm**, Bulk density: 0.05g.cm⁻³, Pores/cm: 24, Porosity: 96.5%, Size: 275x330 mm
- VC003837** Thickness: **20mm**, Bulk density: 0.05g.cm⁻³, Pores/cm: 24, Porosity: 96.5%, Size: 300x300 mm
- VC003840** Thickness: **30mm**, Bulk density: 0.05g.cm⁻³, Pores/cm: 24, Porosity: 96.5%, Size: 300x300 mm



Rod

- VC007905** Diameter: **1.0mm**, Condition: Glassy Carbon, Length: 50 mm to 200 mm
- VC007915** Diameter: **3.0mm**, Condition: Glassy Carbon, Length: 100 mm to 400 mm
- VC007925** Diameter: **5.0mm**, Condition: Glassy Carbon, Length: 100 mm to 200 mm
- VC007940** Diameter: **7.0mm**, Condition: Glassy Carbon, Length: 100 mm to 200 mm
- VC007960** Diameter: **10mm**, Condition: Glassy Carbon, Length: 155 mm



Tube

- VC007500** Outside Diameter: **10mm**, Wall Thickness: 3.5mm, Inside Diameter: 3mm, Condition: Glassy Carbon, Length: 50 mm to 100 mm



Powder

- VC006010** Max. Particle size: **12micron**, Min. Particle size: 0.4micron, Condition: Spherical powder
- VC006015** Max. Particle size: **50micron**, Min. Particle size: 20micron, Condition: Spherical powder
- VC006020** Max. Particle size: **200micron**, Min. Particle size: 80micron, Condition: Spherical powder

Cerium (Ce)



Foil

- CE000205** Thickness: **0.005mm**, Purity: 99.9%, Temper: As rolled
- CE000200** Thickness: **0.025mm**, Purity: 99.9%, Temper: As rolled
- CE000210** Thickness: **0.1mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- CE000220** Thickness: **0.25mm**, Purity: 99.9%, Temper: As rolled



Sputtering Target

- CE009100** Thickness: **1.0mm**, Purity: 99.9%, Size: 50 mm to 75 mm
- CE009300** Thickness: **3.0mm**, Purity: 99.9%, Size: 50 mm to 75 mm



Wire

- CE005110** Diameter: **1.0mm**, Purity: 99.9%, Temper: Hard



Rod

- CE007910** Diameter: **6.35mm**, Purity: 99.9%, Condition: Cast, Length: 50 mm to 100 mm
- CE007950** Diameter: **12.7mm**, Purity: 99.9%, Condition: Cast, Length: 50 mm to 100 mm



Powder

- CE006011** Max. Particle size: **45micron**, Purity: 99.9%



Lump

- CE006100** Max. Lump size: **25mm**, Purity: 99.9%, Packing Note: Packed in Oil

Chromium (Cr)



Microfoil

- CR004200** Thinness: **0.025µm**, Specific density: 18.2 µg.cm⁻², Purity: 99.99+%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm
- CR004300** Thinness: **0.05µm**, Specific density: 37.3 µg.cm⁻², Purity: 99.99+%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm
- CR004600** Thinness: **0.25µm**, Specific density: 178.7 µg.cm⁻², Purity: 99.99+%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm
- CR004700** Thinness: **0.5µm**, Specific density: 355 µg.cm⁻², Purity: 99.99+%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm
- CR004850** Thinness: **1.0µm**, Specific density: 719 µg.cm⁻², Purity: 99.99+%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm



Foil

- CR000020** Thickness: **0.001mm**, Purity: 99.99+%, Support: Permanent Polyester
- CR000025** Thickness: **0.0015mm**, Purity: 99.99+%, Support: Permanent Polyester
- CR000030** Thickness: **0.002mm**, Purity: 99.99+%, Support: Permanent Polyester
- CR000040** Thickness: **0.0025mm**, Purity: 99.99+%, Support: Permanent Polyester
- CR000050** Thickness: **0.003mm**, Purity: 99.99+%, Support: Permanent Polyester
- CR000060** Thickness: **0.004mm**, Purity: 99.99+%, Support: Permanent Polyester
- CR000070** Thickness: **0.005mm**, Purity: 99.99+%, Support: Permanent Polyester
- CR000080** Thickness: **0.006mm**, Purity: 99.99+%, Support: Permanent Polyester
- CR000090** Thickness: **0.007mm**, Purity: 99.99+%, Support: Permanent Polyester
- CR000100** Thickness: **0.008mm**, Purity: 99.99+%, Support: Permanent Polyester
- CR000110** Thickness: **0.009mm**, Purity: 99.99+%, Support: Permanent Polyester
- CR000120** Thickness: **0.01mm**, Purity: 99.99+%, Support: Permanent Polyester
- CR000130** Thickness: **0.0125mm**, Purity: 99.99+%, Support: Permanent Polyester

Metals

CR000140 Thickness: **0.015mm**, Purity: 99.99 + %, Support: Permanent Polyester

CR000150 Thickness: **0.02mm**, Purity: 99.99 + %, Support: Permanent Polyester

CR000160 Thickness: **0.025mm**, Purity: 99.99 + %, Support: Permanent Polyester

CR000170 Thickness: **0.03mm**, Purity: 99.99 + %, Support: Permanent Polyester

CR000180 Thickness: **0.04mm**, Purity: 99.99 + %, Support: Permanent Polyester

CR000190 Thickness: **0.05mm**, Purity: 99.99 + %, Support: Permanent Polyester

CR000191 Thickness: **0.075mm**, Purity: 99.99 + %, Support: Permanent Polyester

CR000210 Thickness: **0.5mm**, Purity: 99.99 + %, Size: 25x25 mm to 100x100 mm

CR000220 Thickness: **1.0mm**, Purity: 99.99 + %, Tolerance: 20%, Size: 25x25 mm to 100x100 mm

CR000230 Thickness: **1.5mm**, Purity: 99.99 + %, Tolerance: 20%, Size: 25x25 mm to 100x100 mm

CR000340 Thickness: **2.0mm**, Purity: 99.7 + %, Temper: Hard, Size: 25x25 mm to 100x100 mm

CR000240 Thickness: **2.0mm**, Purity: 99.99 + %, Tolerance: 20%, Size: 25x25 mm to 100x100 mm

CR000360 Thickness: **3.0mm**, Purity: 99.98%, Temper: Hard, Size: 50x50 mm to 100x100 mm



Sputtering Target

CR009301 Thickness: **3.0mm**, Purity: 99.9%, Size: 50 mm

CR009300 Thickness: **3.0mm**, Purity: 99.98%, Size: 50 mm to 75 mm

CR009601 Thickness: **6.0mm**, Purity: 99.9%, Size: 50 mm

CR009600 Thickness: **6.0mm**, Purity: 99.98%, Size: 50 mm to 75 mm



Rod

CR007920 Diameter: **5.0mm**, Purity: 99.7 + %, Length: 10 mm to 100 mm



Bar

CR008010 Side Length: **2mm**, Side Length (of longer side): 2mm, Purity: 99.7 + %, Length: 142 mm



Powder

CR006031 Mean Particle size: **<10micron**, Purity: 99.0%

CR006021 Max. Particle size: **38micron**, Purity: 99.0 + %

CR006025 Max. Particle size: **45micron**, Min. Particle size: 38micron, Purity: 99.0 + %

CR006020 Max. Particle size: **200micron**, Purity: 99.0 + %



Lump

CR006115 Max. Lump size: **10mm**, Purity: 99.95%, Condition: Pellets

CR006100 Max. Lump size: **10mm**, Purity: 99.99 + %

CR006110 Max. Lump size: **25mm**, Purity: 99.95%



Single Crystal

CR002110 Oriented: **(100)**, Diameter: 10mm, Purity: 99.99%, Length: 2mm

CR002090 Oriented: **(110)**, Diameter: 9mm, Purity: 99.99%, Length: 25mm

Cobalt (Co)



Microfoil

CO004500 Thickness: **0.1µm**, Specific density: 94.6 µg.cm⁻², Purity: 99.9%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm

CO004600 Thickness: **0.25µm**, Specific density: 222 µg.cm⁻², Purity: 99.9%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm

CO004700 Thickness: **0.5µm**, Specific density: 434 µg.cm⁻², Purity: 99.9%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm

CO004850 Thickness: **1.0µm**, Specific density: 890 µg.cm⁻², Purity: 99.9%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm



Foil

CO000050 Thickness: **0.001mm**, Purity: 99.9%, Support: Temporary Acrylic

CO000060 Thickness: **0.002mm**, Purity: 99.9%, Support: Temporary Acrylic

CO000070 Thickness: **0.0025mm**, Purity: 99.9%, Support: Temporary Acrylic

CO000080 Thickness: **0.003mm**, Purity: 99.9%, Diameter: 4 mm to 15 mm

CO000090 Thickness: **0.004mm**, Purity: 99.9%, Diameter: 4 mm to 15 mm

CO000100 Thickness: **0.005mm**, Purity: 99.9%, Diameter: 4 mm to 15 mm

CO000110 Thickness: **0.006mm**, Purity: 99.9%, Diameter: 4 mm to 15 mm

CO000120 Thickness: **0.007mm**, Purity: 99.9%, Diameter: 4 mm to 15 mm

CO000130 Thickness: **0.008mm**, Purity: 99.9%, Diameter: 4 mm to 15 mm

CO000140 Thickness: **0.009mm**, Purity: 99.9%, Diameter: 4 mm to 15 mm

CO000150 Thickness: **0.01mm**, Purity: 99.9%, Diameter: 4 mm to 25 mm

CO000160 Thickness: **0.0125mm**, Purity: 99.9%, Diameter: 4 mm to 25 mm

CO000170 Thickness: **0.015mm**, Purity: 99.9%, Diameter: 4 mm to 25 mm

CO000180 Thickness: **0.02mm**, Purity: 99.9%, Diameter: 4 mm to 15 mm

CO000190 Thickness: **0.025mm**, Purity: 99.9%, Diameter: 4 mm to 25 mm

CO000200 Thickness: **0.05mm**, Purity: 99.9%, Temper: As rolled, Diameter: 4 mm to 25 mm

CO000201 Thickness: **0.05mm**, Purity: 99.9%, Temper: Annealed, Coil width 250 mm, Size: 100x100 mm to 250x250 mm

CO000210 Thickness: **0.05mm**, High Purity: 99.99 + %, Temper: As rolled, Diameter: 4 mm to 15 mm

CO000240 Thickness: **0.125mm**, Purity: 99.9%, Temper: Annealed, Size: 25x25 mm to 150x150 mm

CO000241 Thickness: **0.125mm**, Purity: 99.9%, Temper: Annealed, Coil width 250 mm, Size: 100x100 mm to 250x250 mm

CO000270 Thickness: **0.125mm**, High Purity: 99.99 + %, Temper: As rolled, Size: 25x25 mm to 100x100 mm

CO000279 Thickness: **0.25mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 100x100 mm

Metals

- CO000280** Thickness: **0.25mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- CO000282** Thickness: **0.50mm**, Purity: 99.9%, Temper: Annealed, Coil width 250 mm, Size: 100x100 mm to 250x250 mm
- CO000281** Thickness: **0.5mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- CO000285** Thickness: **0.7mm**, Purity: 99.9%, Temper: Annealed, Size: 25x25 mm to 100x100 mm
- CO000290** Thickness: **1.0mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- CO000292** Thickness: **1.0mm**, Purity: 99.9%, Temper: Annealed, Coil width 250 mm, Size: 100x100 mm to 250x250 mm
- CO000291** Thickness: **1.0mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 50x50 mm
- CO000295** Thickness: **2.0mm**, Purity: 99.9%, Temper: As rolled, Size: 50x50 mm to 150x150 mm
- CO000300** Thickness: **3.0mm**, Purity: 99.9%, Temper: As rolled, Size: 50x50 mm to 100x100 mm
- CO000320** Thickness: **6.0mm**, Purity: 99.9%, Temper: As rolled, Size: 75x75 mm to 195x250 mm



Sputtering Target

- CO009300** Thickness: **3.0mm**, Purity: 99.9%, Size: 50 mm to 75 mm
- CO009600** Thickness: **6.0mm**, Purity: 99.9%, Size: 50 mm to 75 mm



Wire

- CO005080** Diameter: **0.05mm**, Purity: 99.9%, Temper: Hard
- CO005085** Diameter: **0.1mm**, High Purity: 99.99+%, Temper: Hard
- CO005090** Diameter: **0.125mm**, High Purity: 99.99+%, Temper: Hard
- CO005100** Diameter: **0.25mm**, High Purity: 99.99+%, Temper: Hard
- CO005110** Diameter: **0.5mm**, High Purity: 99.99+%, Temper: Hard
- CO005120** Diameter: **1.0mm**, High Purity: 99.99+%, Temper: Hard
- CO005130** Diameter: **2.0mm**, High Purity: 99.99+%, Temper: Hard



Rod

- CO007903** Diameter: **2.0mm**, High Purity: 99.99+%, Temper: Hard, Length: 2 mm
- CO007902** Diameter: **2.0mm**, High Purity: 99.99+%, Temper: Hard, Length: 25 mm to 200 mm
- CO007905** Diameter: **3.0mm**, Purity: 99.9%, Temper: As drawn, Length: 50 mm to 1000 mm
- CO007910** Diameter: **5.0mm**, High Purity: 99.99+%, Temper: Hard, Length: 25 mm to 50 mm
- CO007915** Diameter: **6.35mm**, Purity: 99.9%, Temper: As drawn, Length: 50 mm to 1000 mm
- CO007930** Diameter: **12mm**, Purity: 99.9%, Temper: As drawn, Length: 25 mm to 200 mm
- CO007940** Diameter: **25mm**, Purity: 99.9%, Temper: As drawn, Length: 100 mm



Powder

- CO006040** Max. Particle size: **45micron**, Purity: 99.8%

- CO006011** Max. Particle size: **100micron**, Min. Particle size: 50micron, Purity: 99.9%

- CO006035** Max. Particle size: **840micron**, High Purity: 99.99+%



Lump

- CO006100** Max. Lump size: **10mm**, Purity: 99.9%, Condition: Pellets
- CO006110** Max. Lump size: **10mm**, High Purity: 99.99+%, Condition: Pellets
- CO006120** Max. Lump size: **40mm**, Purity: 99.8%, Condition: Nominal 30mm rounds



Single Crystal

- CO002090** Oriented: **(0001)**, Diameter: 10mm, Purity: 99.999%, Length: 10mm
- CO002100** Oriented: **(0001)**, Diameter: 10mm, Purity: 99.999%, Length: 20mm
- CO002111** Oriented: **(0001)**, Diameter: 10mm, Purity: 99.999%, Length: 2mm
- CO002110** Oriented: **(0001)**, Diameter: 12mm, Purity: 99.999%, Length: 25mm

Copper (Cu)



Microfoil

- CU004500** Thinness: **0.1µm**, Specific density: 86.2 µg.cm⁻², Purity: 99.99+%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm
- CU004600** Thinness: **0.25µm**, Specific density: 219.9 µg.cm⁻², Purity: 99.99+%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm
- CU004700** Thinness: **0.5µm**, Specific density: 448 µg.cm⁻², Purity: 99.99+%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm
- CU004850** Thinness: **1.0µm**, Specific density: 899 µg.cm⁻², Purity: 99.99+%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm



Foil

- CU000080** Thickness: **0.0005mm**, Purity: 99.97%, Support: Temporary Acrylic
- CU000090** Thickness: **0.00075mm**, Purity: 99.97%, Support: Temporary Acrylic
- CU000100** Thickness: **0.001mm**, Purity: 99.97%
- CU000110** Thickness: **0.002mm**, Purity: 99.97%
- CU000201** Thickness: **0.0025mm**, Purity: 99.9%, Support: Permanent Aluminium 0.04mm, Diameter: 4 mm to 50 mm
- CU000120** Thickness: **0.0025mm**, Purity: 99.97%
- CU000130** Thickness: **0.003mm**, Purity: 99.97%, Diameter: 4 mm to 15 mm
- CU000140** Thickness: **0.004mm**, Purity: 99.97%, Diameter: 4 mm to 15 mm
- CU000211** Thickness: **0.005mm**, Purity: 99.9%, Support: Permanent Aluminium 0.04mm, Diameter: 4 mm to 50 mm
- CU000150** Thickness: **0.005mm**, Purity: 99.97%, Diameter: 4 mm to 15 mm
- CU000160** Thickness: **0.006mm**, Purity: 99.97%, Diameter: 4 mm to 15 mm

Metals

Metals — Copper

CU000170	Thickness: 0.007mm , Purity: 99.97%, Diameter: 4 mm to 15 mm	CU000354	Thickness: 0.025mm , Purity: 99.9%, Temper: Half hard, Coil width 2.5 mm Length : 1 m to 50 m
CU000200	Thickness: 0.0076mm , Purity: 99.9%, Coil width 5 mm Length : 1 m to 20 m	CU000373	Thickness: 0.025mm , Purity: 99.9%, Temper: Annealed, Coil width 4 mm Length : 1 m to 50 m
CU000202	Thickness: 0.0076mm , Purity: 99.9%, Coil width 6 mm Length : 1 m to 50 m	CU000355	Thickness: 0.025mm , Purity: 99.9%, Temper: Annealed, Coil width 12 mm Length : 1 m to 100 m
CU000203	Thickness: 0.0076mm , Purity: 99.9%, Coil width 6.6 mm Length : 1 m to 50 m	CU000357	Thickness: 0.025mm , Purity: 99.9%, Temper: Annealed, Coil width 19 mm Length : 1 m to 50 m
CU000204	Thickness: 0.0076mm , Purity: 99.9%, Coil width 7.5 mm Length : 1 m to 50 m	CU000358	Thickness: 0.025mm , Purity: 99.9%, Temper: Annealed, Coil width 25 mm Length : 1 m to 50 m
CU000205	Thickness: 0.0076mm , Purity: 99.9%, Coil width 8.5 mm Length : 1 m to 50 m	CU000359	Thickness: 0.025mm , Purity: 99.9%, Temper: Half hard, Coil width 38 mm Length : 1 m to 100 m
CU000206	Thickness: 0.0076mm , Purity: 99.9%, Coil width 8.7 mm Length : 1 m to 50 m	CU000372	Thickness: 0.025mm , Purity: 99.9%, Temper: Hard, Coil width 150 mm, Size: 25x25 mm to 150x150 mm
CU000207	Thickness: 0.0076mm , Purity: 99.9%, Coil width 10.8 mm Length : 1 m to 50 m	CU000371	Thickness: 0.025mm , Purity: 99.9%, Temper: Annealed, Coil width 150 mm, Size: 25x25 mm to 150x150 mm
CU000208	Thickness: 0.0076mm , Purity: 99.9%, Coil width 12.5 mm Length : 1 m to 50 m	CU000420	Thickness: 0.025mm , Purity: 99.95%, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
CU000215	Thickness: 0.0078mm , High Purity: 99.99+%, Coil width 200 mm Length : 1 m to 5 m	CU000410	Thickness: 0.025mm , High Purity: 99.99+%, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 150x150 mm
CU000220	Thickness: 0.008mm , Purity: 99.9%, Coil width 150 mm Length : 0.5 m to 20 m	CU000475	Thickness: 0.03mm , High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 150x150 mm
CU000180	Thickness: 0.009mm , Purity: 99.97%, Diameter: 4 mm to 15 mm	CU000430	Thickness: 0.034mm , Purity: 99.95%, Coil width 350 mm, Size: 25x25 mm to 300x300 mm
CU000229	Thickness: 0.01mm , Purity: 99.9%, Coil width 19 mm Length : 1 m to 200 m	CU000450	Thickness: 0.038mm , Purity: 99.9%, Temper: Hard, Coil width 150 mm, Size: 25x25 mm to 150x150 mm
CU000230	Thickness: 0.01mm , Purity: 99.9%, Coil width 150 mm Length : 1 m to 20 m	CU000460	Thickness: 0.038mm , Purity: 99.9%, Temper: Annealed, Coil width 150 mm, Size: 25x25 mm to 150x150 mm
CU000251	Thickness: 0.01mm , High Purity: 99.99+%, Coil width 150 mm, Size: 25x25 mm to 150x150 mm	CU000463	Thickness: 0.04mm , Purity: 99.9%, Temper: Half hard, Coil width 6.35 mm Length : 1 m to 100 m
CU000260	Thickness: 0.012mm , Purity: 99.99+%, Coil width 150 mm, Size: 25x25 mm to 150x150 mm	CU000464	Thickness: 0.04mm , Purity: 99.9%, Temper: Half hard, Coil width 9.5 mm Length : 1 m to 100 m
CU000300	Thickness: 0.0125mm , Purity: 99.9%, Coil width 150 mm Length : 0.5 m to 10 m	CU000423	Thickness: 0.04mm , Purity: 99.9%, Temper: Half hard, Coil width 10 mm Length : 1 m to 50 m
CU000280	Thickness: 0.0125mm , Purity: 99.95%, Coil width 355 mm, Size: 25x25 mm to 150x150 mm	CU000424	Thickness: 0.04mm , Purity: 99.9%, Temper: Annealed, Coil width 12 mm Length : 1 m to 50 m
CU000270	Thickness: 0.0125mm , High Purity: 99.99+%, Coil width 150 mm, Size: 25x25 mm to 150x150 mm	CU000465	Thickness: 0.04mm , Purity: 99.9%, Temper: Half hard, Coil width 25 mm Length : 1 m to 50 m
CU000271	Thickness: 0.013mm , Purity: 99.99+%, Coil width 150 mm, Size: 25x25 mm to 150x150 mm	CU000466	Thickness: 0.045mm , Purity: 99.9%, Temper: Half hard, Coil width 25.4 mm Length : 1 m to 100 m
CU000272	Thickness: 0.014mm , Purity: 99.99+%, Coil width 150 mm, Size: 25x25 mm to 150x150 mm	CU000467	Thickness: 0.05mm , Purity: 99.9%, Temper: Annealed, Coil width 3.2 mm Length : 1 m to 100 m
CU000190	Thickness: 0.015mm , Purity: 99.97%, Diameter: 4 mm to 25 mm	CU000468	Thickness: 0.05mm , Purity: 99.9%, Temper: Annealed, Coil width 6 mm Length : 1 m to 100 m
CU000273	Thickness: 0.015mm , Purity: 99.99+%, Coil width 150 mm, Size: 25x25 mm to 150x150 mm	CU000469	Thickness: 0.05mm , Purity: 99.9%, Temper: Annealed, Coil width 8 mm Length : 1 m to 500 m
CU000320	Thickness: 0.0175mm , Purity: 99.9%, Coil width 300 mm, Size: 25x25 mm to 300x300 mm		
CU000340	Thickness: 0.02mm , Purity: 99.9%, Coil width 150 mm, Size: 25x25 mm to 150x150 mm		
CU000350	Thickness: 0.02mm , High Purity: 99.99+%, Coil width 300 mm, Size: 25x25 mm to 200x300 mm		
CU000351	Thickness: 0.022mm , Purity: 99.9%, Ribbon width 0.45 mm Length : 1 m to 100 m		
CU000352	Thickness: 0.022mm , Purity: 99.9%, Coil width 6.5 mm Length : 1 m to 50 m		
CU000356	Thickness: 0.022mm , Purity: 99.9%, Coil width 14.3 mm Length : 1 m to 100 m		

Metals

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|--|--|
| CU000472 Thickness: 0.05mm , Purity: 99.9%, Temper: Annealed, Coil width 10 mm Length : 1 m to 500 m | CU000570 Thickness: 0.1mm , High Purity: 99.99 + %, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 150x150 mm |
| CU000500 Thickness: 0.05mm , Purity: 99.9%, Temper: Half hard, Coil width 150 mm, Size: 25x25 mm to 150x150 mm | CU000580 Thickness: 0.11mm , Purity: 99.95%, Coil width 380 mm, Size: 25x25 mm to 300x300 mm |
| CU000495 Thickness: 0.05mm , Purity: 99.9%, Temper: Annealed, Coil width 150 mm, Size: 25x25 mm to 150x150 mm | CU000583 Thickness: 0.125mm , Purity: 99.9%, Temper: Annealed, Coil width 50.8 mm Length : 0.5 m to 20 m |
| CU000496 Thickness: 0.05mm , Purity: 99.9%, Temper: Annealed, Coil width 300 mm Length : 0.5 m to 10 m | CU000591 Thickness: 0.125mm , Purity: 99.9%, Temper: Hard, Coil width 150 mm, Size: 25x25 mm to 150x150 mm |
| CU000491 Thickness: 0.05mm , High Purity: 99.99 + %, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 150x150 mm | CU000590 Thickness: 0.125mm , Purity: 99.9%, Temper: Half hard, Coil width 150 mm, Size: 25x25 mm to 150x150 mm |
| CU000520 Thickness: 0.068mm , Purity: 99.95%, Size: 25x25 mm to 300x300 mm | CU000585 Thickness: 0.125mm , Purity: 99.9%, Temper: Annealed, Coil width 150 mm, Size: 25x25 mm to 150x150 mm |
| CU000531 Thickness: 0.075mm , Purity: 99.9%, Temper: Annealed, Coil width 10 mm Length : 1 m to 50 m | CU000600 Thickness: 0.125mm , High Purity: 99.99 + %, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 150x150 mm |
| CU000541 Thickness: 0.075mm , Purity: 99.9%, Temper: Hard, Coil width 150 mm, Size: 25x25 mm to 150x150 mm | CU000640 Thickness: 0.15mm , Purity: 99.9%, Temper: Half hard, Coil width 150 mm, Size: 25x25 mm to 150x150 mm |
| CU000540 Thickness: 0.075mm , Purity: 99.9%, Temper: Half hard, Coil width 150 mm, Size: 25x25 mm to 150x150 mm | CU000650 Thickness: 0.15mm , Purity: 99.9%, Temper: Annealed, Coil width 150 mm, Size: 25x25 mm to 150x150 mm |
| CU000530 Thickness: 0.075mm , Purity: 99.9%, Temper: Annealed, Coil width 165 mm, Size: 25x25 mm to 150x150 mm | CU000641 Thickness: 0.15mm , Purity: 99.9%, Temper: Half hard, Coil width 300 mm, Size: 300x300 mm |
| CU000542 Thickness: 0.075mm , Purity: 99.9%, Temper: Half hard, Coil width 300 mm, Size: 300x300 mm | CU000630 Thickness: 0.15mm , High Purity: 99.99 + %, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 150x150 mm |
| CU000532 Thickness: 0.075mm , Purity: 99.9%, Temper: Annealed, Condition: Flat, Size: 150x150 mm to 300x450 mm | CU000652 Thickness: 0.25mm , Purity: 99.9%, Temper: Half hard, Coil width 1.4 mm Length : 1 m to 50 m |
| CU000550 Thickness: 0.075mm , High Purity: 99.99 + %, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 150x150 mm | CU000701 Thickness: 0.25mm , Purity: 99.9%, Polished on one side: Polish : 0.1µm Ra or better, Diameter: 9 mm |
| CU000548 Thickness: 0.1mm , Purity: 99.9%, Temper: Annealed, Coil width 1 mm Length : 0.1 m to 10 m | CU000700 Thickness: 0.25mm , Purity: 99.9%, Temper: Half hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm |
| CU000551 Thickness: 0.1mm , Purity: 99.9%, Temper: Half hard, Coil width 1.5 mm Length : 1 m to 50 m | CU000720 Thickness: 0.25mm , Purity: 99.9%, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm |
| CU000553 Thickness: 0.1mm , Purity: 99.9%, Temper: Annealed, Coil width 3 mm Length : 1 m to 10 m | CU000680 Thickness: 0.25mm , High Purity: 99.99 + %, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 150x150 mm |
| CU000552 Thickness: 0.1mm , Purity: 99.9%, Temper: As rolled, Coil width 4.8 mm Length : 1 m to 50 m | CU000691 Thickness: 0.3mm , Purity: 99.9%, Temper: Annealed, Condition: Flat, Size: 150x150 mm to 300x450 mm |
| CU000554 Thickness: 0.1mm , Purity: 99.9%, Temper: Annealed, Coil width 10 mm Length : 5 m to 20 m | CU000690 Thickness: 0.3mm , Purity: 99.9%, Temper: Half hard, Condition: Flat, Size: 25x25 mm to 300x300 mm |
| CU000556 Thickness: 0.1mm , Purity: 99.9%, Temper: Half hard, Coil width 16 mm Length : 1 m to 50 m | CU000743 Thickness: 0.5mm , Purity: 99.9%, Temper: Half hard, Size: 25x25 mm to 300x300 mm |
| CU000557 Thickness: 0.1mm , Purity: 99.9%, Temper: Half hard, Diameter: 12 mm | CU000745 Thickness: 0.5mm , High Purity: 99.99 + %, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 300x300 mm |
| CU000555 Thickness: 0.1mm , Purity: 99.9%, Temper: Annealed, Coil width 25.4 mm Length : 1 m to 50 m | CU000746 Thickness: 0.7mm , Purity: 99.9%, Temper: Half hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm |
| CU000560 Thickness: 0.1mm , Purity: 99.9%, Temper: Half hard, Coil width 165 mm, Size: 25x25 mm to 150x150 mm | CU000750 Thickness: 1.0mm , Purity: 99.9%, Polished on one side: Polish : 0.1µm Ra or better, Size: 10x10 mm |
| CU000565 Thickness: 0.1mm , Purity: 99.9%, Temper: Annealed, Coil width 165 mm, Size: 25x25 mm to 150x150 mm | CU000747 Thickness: 1.0mm , Purity: 99.9%, Temper: Half hard, Size: 25x25 mm to 300x300 mm |

Metals

- CU000749** Thickness: **1.0mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 150x1000 mm
- CU000748** Thickness: **1.0mm**, High Purity: 99.999%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- CU000760** Thickness: **1.6mm**, Purity: 99.9%, Temper: Half hard, Size: 25x25 mm to 300x300 mm
- CU000761** Thickness: **1.6mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 150x150 mm
- CU000765** Thickness: **2.0mm**, Purity: 99.9%, Temper: Half hard, Size: 25x25 mm to 300x300 mm
- CU000766** Thickness: **2.0mm**, High Purity: 99.99+%, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 150x150 mm
- CU000770** Thickness: **3.25mm**, Purity: 99.9%, Temper: Half hard, Size: 25x25 mm to 300x300 mm



Sputtering Target

- CU009300** Thickness: **3.0mm**, High Purity: 99.99+%, Size: 50 mm to 75 mm
- CU009600** Thickness: **6.0mm**, High Purity: 99.99+%, Size: 50 mm to 75 mm



Mesh

- CU008720** Nominal Aperture: **0.2mm**, Thickness: 0.004mm, Wire diameter: 0.0125mm, Wires/inch: 118, Open area: 88%, Type: Electro-formed mesh, Size: 65x65 mm to 260x260 mm
- CU008710** Nominal Aperture: **0.38mm**, Wire diameter: 0.25mm, Wires/inch: 40x40, Open area: 37%, Type: Plain weave mesh, Size: 100x100 mm to 900x900 mm



Wire

- CU005110** Diameter: **0.01mm**, Purity: 99.99%, Temper: Hard
- CU005170** Diameter: **0.02mm**, Purity: 99.99+%, Temper: Hard
- CU005195** Diameter: **0.025mm**, Purity: 99.99+%, Temper: As drawn
- CU005202** Diameter: **0.04mm**, Purity: 99.9%, Temper: Hard
- CU005200** Diameter: **0.04mm**, Purity: 99.9%, Temper: Annealed
- CU005215** Diameter: **0.05mm**, Purity: 99.9%, Temper: Annealed
- CU005198** Diameter: **0.05mm**, Purity: 99.99+%, Temper: As drawn
- CU005220** Diameter: **0.075mm**, Purity: 99.9%, Temper: Annealed
- CU005300** Diameter: **0.1mm**, Purity: 99.9%, Cladding: Aluminium, Outside diameter: 0.25mm
- CU005240** Diameter: **0.1mm**, Purity: 99.9%, Temper: Annealed
- CU005250** Diameter: **0.125mm**, Purity: 99.9%, Temper: Annealed
- CU005252** Diameter: **0.125mm**, High Purity: 99.99+%, Temper: As drawn
- CU005350** Diameter: **0.15mm**, Purity: 99.9%, Temper: Annealed, Condition: Silver plated wire
- CU005270** Diameter: **0.25mm**, Purity: 99.9%, Temper: Annealed
- CU005260** Diameter: **0.25mm**, High Purity: 99.99+%, Temper: As drawn

- CU005280** Diameter: **0.5mm**, Purity: 99.9%, Temper: Annealed
- CU005380** Diameter: **0.5mm**, Purity: 99.9%, Temper: Annealed, Condition: Silver plated wire
- CU005282** Diameter: **0.5mm**, Purity: 99.98+%, Temper: As drawn
- CU005285** Diameter: **0.5mm**, High Purity: 99.999%, Temper: As drawn
- CU005286** Diameter: **0.75mm**, Purity: 99.98+%, Temper: As drawn
- CU005290** Diameter: **1.0mm**, Purity: 99.9%, Temper: Annealed
- CU005293** Diameter: **1.0mm**, Purity: 99.98+%, Temper: As drawn
- CU005295** Diameter: **1.0mm**, High Purity: 99.99+%, Temper: As drawn



Insulated Wire

- CU005814** Conductor diameter: **0.014mm**, Insulation thickness: 0.005mm, Purity: 99.99%, Insulation: Polyurethane
- CU005818** Conductor diameter: **0.018mm**, Insulation thickness: 0.005mm, Purity: 99.99%, Insulation: Polyurethane
- CU005825** Conductor diameter: **0.025mm**, Insulation thickness: 0.005mm, Purity: 99.99%, Insulation: Polyurethane
- CU005840** Conductor diameter: **0.040mm**, Insulation thickness: 0.002mm, Purity: 99.9%, Insulation: 2 micron Polyesterimide
- CU005850** Conductor diameter: **0.05mm**, Insulation thickness: 0.002mm, Purity: 99.9%, Insulation: 2 micron Polyesterimide
- CU005891** Conductor diameter: **0.1mm**, Insulation thickness: 0.005mm, Purity: 99.9%, Insulation: Polyurethane
- CU005890** Conductor diameter: **0.1mm**, Insulation thickness: 0.015mm, Purity: 99.9%, Insulation: 10-30 micron Polyesterimide
- CU005895** Conductor diameter: **0.125mm**, Insulation thickness: 0.002mm, Purity: 99.9%, Insulation: 2 micron Polyesterimide
- CU005865** Conductor diameter: **0.125mm**, Insulation thickness: 0.01mm, Purity: 99.99%, Insulation: Polyimide
- CU005894** Conductor diameter: **0.2mm**, Insulation thickness: 0.08mm, Insulation: Polyimide
- CU005893** Conductor diameter: **0.24mm**, Insulation thickness: 0.25mm, Insulation: PTFE
- CU005886** Conductor diameter: **0.4mm**, Insulation thickness: 0.025mm, Purity: 99.99%, Insulation: Polyimide
- CU005885** Conductor diameter: **0.45mm**, Insulation thickness: 0.25mm, Insulation: PTFE
- CU005897** Conductor diameter: **0.5mm**, Insulation thickness: 0.06mm, Insulation: Polyimide
- CU005887** Conductor diameter: **0.5mm**, Insulation thickness: 0.025mm, Purity: 99.99%, Insulation: Polyimide
- CU005889** Conductor diameter: **0.7mm**, Insulation thickness: 0.01mm, Insulation: Polyurethane
- CU005898** Conductor diameter: **1.0mm**, Insulation thickness: 0.25mm, Insulation: PTFE

Metals



Rod

- CU007905** Diameter: **2.0mm**, Purity: 99.99+%, Temper: As drawn, Length: 100 mm to 1000 mm
- CU007910** Diameter: **3.2mm**, Purity: 99.9%, Temper: Hard, Length: 100 mm to 1000 mm
- CU007920** Diameter: **3.2mm**, High Purity: 99.99+%, Temper: As drawn, Length: 100 mm to 1000 mm
- CU007930** Diameter: **4.8mm**, Purity: 99.9%, Temper: Hard, Length: 100 mm to 1000 mm
- CU007940** Diameter: **4.8mm**, High Purity: 99.99+%, Temper: As drawn, Length: 100 mm to 1000 mm
- CU007945** Diameter: **5.0mm**, High Purity: 99.999%, Temper: As drawn, Length: 50 mm to 500 mm
- CU007948** Diameter: **6.35mm**, High Purity: 99.999%, Temper: As drawn, Length: 50 mm to 500 mm
- CU007950** Diameter: **9.5mm**, Purity: 99.9%, Temper: Hard, Length: 100 mm to 1000 mm
- CU007955** Diameter: **9.5mm**, High Purity: 99.99+%, Temper: As drawn, Length: 100 mm to 1000 mm
- CU007960** Diameter: **12.7mm**, High Purity: 99.99+%, Temper: As drawn, Length: 50 mm to 200 mm
- CU007965** Diameter: **16mm**, High Purity: 99.99+%, Temper: As drawn, Length: 50 mm to 200 mm
- CU007970** Diameter: **19.0mm**, High Purity: 99.99+%, Temper: As drawn, Length: 25 mm to 200 mm
- CU007980** Diameter: **20.6mm**, Purity: 99.9%, Temper: Hard, Length: 100 mm to 1000 mm
- CU007981** Diameter: **20.6mm**, Purity: 99.9%, Temper: Half hard, Length: 100 mm to 200 mm



Bar

- CU008021** Side Length: **8.0mm**, Side Length (of longer side): 52mm, High Purity: 99.995%, Length: 50 mm to 200 mm



Tube

- CU007050** Outside Diameter: **0.25mm**, Wall Thickness: 0.1mm, Purity: 99.9%, Inside Diameter: 0.05mm, Temper: As drawn, Length: 100 mm to 1000 mm
- CU007100** Outside Diameter: **0.5mm**, Wall Thickness: 0.14mm, Purity: 99.9%, Inside Diameter: 0.22mm, Temper: As drawn, Length: 100 mm to 1000 mm
- CU007110** Outside Diameter: **0.65mm**, Wall Thickness: 0.22mm, Purity: 99.9%, Inside Diameter: 0.21mm, Temper: As drawn, Length: 100 mm to 1000 mm
- CU007130** Outside Diameter: **0.75mm**, Wall Thickness: 0.26mm, Purity: 99.9%, Inside Diameter: 0.23mm, Temper: As drawn, Length: 100 mm to 1000 mm
- CU007170** Outside Diameter: **0.95mm**, Wall Thickness: 0.33mm, Purity: 99.9%, Inside Diameter: 0.29mm, Temper: As drawn, Length: 100 mm to 1000 mm
- CU007180** Outside Diameter: **1.0mm**, Wall Thickness: 0.38mm, Purity: 99.9%, Inside Diameter: 0.24mm, Temper: As drawn, Length: 100 mm to 1000 mm
- CU007220** Outside Diameter: **1.2mm**, Wall Thickness: 0.32mm, Purity: 99.9%, Inside Diameter: 0.56mm, Temper: As drawn, Length: 100 mm to 1000 mm

- CU007270** Outside Diameter: **1.5mm**, Wall Thickness: 0.5mm, Purity: 99.9%, Inside Diameter: 0.5mm, Temper: As drawn, Length: 100 mm to 1000 mm
- CU007310** Outside Diameter: **1.75mm**, Wall Thickness: 0.71mm, Purity: 99.9%, Inside Diameter: 0.33mm, Temper: As drawn, Length: 100 mm to 1000 mm
- CU007375** Outside Diameter: **2.0mm**, Wall Thickness: 0.2mm, Purity: 99.9%, Inside Diameter: 1.6mm, Temper: As drawn, Length: 100 mm to 1000 mm
- CU007395** Outside Diameter: **2.5mm**, Wall Thickness: 0.3mm, Purity: 99.9%, Inside Diameter: 1.9mm, Temper: As drawn, Length: 100 mm to 1000 mm
- CU007410** Outside Diameter: **3.0mm**, Wall Thickness: 0.9mm, Purity: 99.9%, Inside Diameter: 1.2mm, Temper: As drawn, Length: 100 mm to 1000 mm
- CU007415** Outside Diameter: **3.1mm**, Wall Thickness: 1.22mm, Purity: 99.9%, Inside Diameter: 0.66mm, Temper: As drawn, Length: 100 mm to 200 mm
- CU007440** Outside Diameter: **3.5mm**, Wall Thickness: 0.97mm, Purity: 99.9%, Inside Diameter: 1.56mm, Temper: As drawn, Length: 100 mm to 1000 mm
- CU007425** Outside Diameter: **4.0mm**, Wall Thickness: 0.4mm, Purity: 99.9%, Inside Diameter: 3.2mm, Temper: As drawn, Length: 100 mm to 1000 mm
- CU007450** Outside Diameter: **5.0mm**, Wall Thickness: 0.5mm, Purity: 99.9%, Inside Diameter: 4mm, Temper: As drawn, Length: 100 mm to 1000 mm
- CU007600** Outside Diameter: **6.0mm**, Wall Thickness: 1.0mm, Purity: 99.9%, Inside Diameter: 4mm, Temper: As drawn, Length: 100 mm to 1000 mm
- CU007620** Outside Diameter: **6.35mm**, Wall Thickness: 0.71mm, Purity: 99.9%, Inside Diameter: 4.93mm, Temper: As drawn, Length: 100 mm to 1000 mm
- CU007645** Outside Diameter: **10.4mm**, Wall Thickness: 0.2mm, Purity: 99.9%, Inside Diameter: 10mm, Temper: As drawn, Length: 100 mm to 1000 mm
- CU007650** Outside Diameter: **12.7mm**, Wall Thickness: 1.22mm, Purity: 99.9%, Inside Diameter: 10.26mm, Temper: As drawn, Length: 100 mm to 1000 mm
- CU007700** Outside Diameter: **25.4mm**, Wall Thickness: 3.25mm, Purity: 99.9%, Inside Diameter: 18.9mm, Temper: As drawn, Length: 100 mm to 1000 mm



Powder

- CU006040** Mean Particle size: **2micron (FSS)**, Purity: 99.8%
- CU006022** Max. Particle size: **5micron**, Purity: 99%, Condition: Spherical powder
- CU006020** Max. Particle size: **50micron**, Purity: 99%
- CU006025** Max. Particle size: **150micron**, Purity: 99%, Condition: Spherical powder
- CU006045** Max. Particle size: **500micron**, Purity: 99.8%
- CU006030** Max. Particle size: **800micron**, High Purity: 99.99+%



Lump

- CU006101** Max. Lump size: **5mm**, High Purity: 99.99+%, Condition: Pellets
- CU006102** Max. Lump size: **5mm**, High Purity: 99.9999%, Condition: Pellets
- CU006105** Max. Lump size: **6.35mm**, High Purity: 99.9999%, Condition: Shot

Metals

CU006100 Max. Lump size: **10mm**, High Purity: 99.99 + %, Condition: Pellets

CU006110 Max. Lump size: **10mm**, High Purity: 99.999%, Condition: Pellets



Sphere

CU006811 Diameter: **0.66mm**

CU006820 Diameter: **1.0mm**

CU006840 Diameter: **3.0mm**



Single Crystal

CU002105 Oriented: **(100)**, Diameter: 10mm, Purity: 99.999%, Length: 2mm

CU002116 Oriented: **(100)**, Diameter: 12mm, Purity: 99.999%, Length: 25mm

CU002117 Oriented: **(100)**, Diameter: 12mm, Purity: 99.999%, Length: 10mm

CU002106 Oriented: **(110)**, Diameter: 10mm, Purity: 99.999%, Length: 2mm

CU002110 Oriented: **(110)**, Diameter: 12mm, Purity: 99.999%, Length: 10mm

CU002115 Oriented: **(110)**, Diameter: 12mm, Purity: 99.999%, Length: 25mm

CU002120 Oriented: **(110)**, Diameter: 12mm, Purity: 99.999%, Length: 50mm

CU002107 Oriented: **(111)**, Diameter: 10mm, Purity: 99.999%, Length: 2mm

CU002130 Oriented: **(111)**, Diameter: 12mm, Purity: 99.999%, Length: 10mm

CU002131 Oriented: **(111)**, Diameter: 12mm, Purity: 99.999%, Length: 25mm

CU002132 Oriented: **(111)**, Diameter: 12mm, Purity: 99.999%, Length: 50mm

Copper - O.F.H.C. (Cu - OFHC)



Foil

CV000311 Thickness: **0.010mm**, Purity: 99.95 + %, Temper: Hard, Coil width 25 mm Length : 1 m to 20 m

CV000310 Thickness: **0.010mm**, Purity: 99.95 + %, Temper: Hard, Coil width 150 mm, Size: 25x25 mm to 150x150 mm

CV000370 Thickness: **0.025mm**, Purity: 99.95 + %, Temper: Hard, Coil width 150 mm, Size: 25x25 mm to 150x150 mm

CV000503 Thickness: **0.05mm**, Purity: 99.95 + %, Temper: Annealed, Coil width 10 mm Length : 1 m to 50 m

CV000500 Thickness: **0.05mm**, Purity: 99.95 + %, Temper: Hard, Coil width 150 mm, Size: 25x25 mm to 150x150 mm

CV000501 Thickness: **0.05mm**, Purity: 99.95 + %, Temper: Hard, Coil width 300 mm Length : 0.5 m to 10 m

CV000502 Thickness: **0.05mm**, Purity: 99.95 + %, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 150x150 mm

CV000540 Thickness: **0.075mm**, Purity: 99.95 + %, Temper: Half hard, Coil width 150 mm, Size: 25x25 mm to 150x150 mm

CV000562 Thickness: **0.1mm**, Purity: 99.95 + %, Temper: Hard, Coil width 100 mm Length : 0.5 m to 20 m

CV000560 Thickness: **0.1mm**, Purity: 99.95 + %, Temper: Hard, Coil width 150 mm, Size: 25x25 mm to 150x150 mm

CV000561 Thickness: **0.1mm**, Purity: 99.95 + %, Temper: Hard, Coil width 300 mm, Size: 300x300 mm

CV000590 Thickness: **0.125mm**, Purity: 99.95 + %, Temper: Hard, Coil width 150 mm, Size: 25x25 mm to 150x150 mm

CV000640 Thickness: **0.15mm**, Purity: 99.95 + %, Temper: Half hard, Coil width 150 mm, Size: 25x25 mm to 150x150 mm

CV000670 Thickness: **0.20mm**, Purity: 99.95 + %, Temper: Hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

CV000700 Thickness: **0.25mm**, Purity: 99.95 + %, Temper: Half hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

CV000743 Thickness: **0.5mm**, Purity: 99.95 + %, Temper: Half hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

CV000747 Thickness: **0.7mm**, Purity: 99.95 + %, Temper: Half hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

CV000749 Thickness: **1.0mm**, Purity: 99.95 + %, Temper: Half hard, Coil width 150 mm, Size: 25x25 mm to 150x150 mm

CV000756 Thickness: **1.6mm**, Purity: 99.95 + %, Temper: Hard, Size: 150x150 mm to 300x300 mm

CV000755 Thickness: **1.6mm**, Purity: 99.95 + %, Temper: Half hard, Size: 150x150 mm to 300x300 mm

CV000765 Thickness: **2.0mm**, Purity: 99.95 + %, Temper: Half hard, Size: 25x25 mm to 300x300 mm

CV000800 Thickness: **3.15mm**, Purity: 99.95 + %, Temper: Half hard, Size: 25x25 mm to 300x300 mm



Sheet

CV003020 Thickness: **3.0mm**, Purity: 99.95 + %, Size: 100x100 mm to 250x250 mm

CV003050 Thickness: **4.76mm**, Purity: 99.95 + %, Size: 50x50 mm to 300x300 mm

CV003100 Thickness: **6.35mm**, Purity: 99.95 + %, Size: 50x50 mm to 300x300 mm

CV003120 Thickness: **12.7mm**, Purity: 99.95 + %, Size: 100x100 mm to 305x305 mm

CV003125 Thickness: **25.4mm**, Purity: 99.95 + %, Size: 100x100 mm



Wire

CV005270 Diameter: **0.125mm**, Purity: 99.95 + %, Temper: Annealed

CV005280 Diameter: **0.25mm**, Purity: 99.95 + %, Temper: As drawn

CV005282 Diameter: **0.5mm**, Purity: 99.95 + %, Temper: As drawn

CV005286 Diameter: **0.75mm**, Purity: 99.95 + %, Temper: As drawn

CV005293 Diameter: **1.0mm**, Purity: 99.95 + %, Temper: As drawn

CV005294 Diameter: **2.0mm**, Purity: 99.95 + %, Temper: Hard

CV005296 Diameter: **2.5mm**, Purity: 99.95 + %, Temper: Hard



Rod

CV007910 Diameter: **3.15mm**, Purity: 99.95 + %, Temper: As drawn, Length: 100 mm to 1000 mm

CV007945 Diameter: **6.35mm**, Purity: 99.95 + %, Temper: As drawn, Length: 100 mm to 1000 mm

Metals

- CV007960** Diameter: **12.7mm**, Purity: 99.95+%, Temper: As drawn, Length: 100 mm to 1000 mm
- CV007970** Diameter: **25.4mm**, Purity: 99.95+%, Temper: As drawn, Length: 100 mm to 1000 mm
- CV007971** Diameter: **25.4mm**, High Purity: 99.99+%, Temper: As drawn, Length: 25 mm to 200 mm
- CV007975** Diameter: **38.1mm**, Purity: 99.95+%, Temper: As drawn, Length: 100 mm to 1000 mm
- CV007980** Diameter: **50.8mm**, Purity: 99.95+%, Temper: As drawn, Length: 50 mm to 500 mm
- CV007985** Diameter: **63.5mm**, Purity: 99.95+%, Temper: As drawn, Length: 50 mm to 200 mm
- CV007988** Diameter: **76mm**, Purity: 99.95+%, Temper: As drawn, Length: 50 mm to 200 mm

Tube

- CV007040** Outside Diameter: **0.38mm**, Wall Thickness: 0.08mm, Purity: 99.95+%, Inside Diameter: 0.22mm, Length: 100 mm to 1000 mm
- CV007060** Outside Diameter: **0.635mm**, Wall Thickness: 0.18mm, Purity: 99.95+%, Inside Diameter: 0.275mm, Length: 100 mm to 1000 mm
- CV007090** Outside Diameter: **0.9mm**, Wall Thickness: 0.17mm, Purity: 99.95+%, Inside Diameter: 0.56mm, Length: 100 mm to 1000 mm
- CV007120** Outside Diameter: **1.23mm**, Wall Thickness: 0.36mm, Purity: 99.95+%, Inside Diameter: 0.51mm, Length: 100 mm to 1000 mm
- CV007180** Outside Diameter: **1.78mm**, Wall Thickness: 0.49mm, Purity: 99.95+%, Inside Diameter: 0.8mm, Length: 100 mm to 1000 mm
- CV007250** Outside Diameter: **2.54mm**, Wall Thickness: 0.5mm, Purity: 99.95+%, Inside Diameter: 1.54mm, Length: 100 mm to 1000 mm
- CV007390** Outside Diameter: **3.92mm**, Wall Thickness: 0.1mm, Purity: 99.95+%, Inside Diameter: 3.72mm, Length: 100 mm to 500 mm
- CV007400** Outside Diameter: **4.0mm**, Wall Thickness: 0.5mm, Purity: 99.95+%, Inside Diameter: 3mm, Length: 100 mm to 1000 mm
- CV007450** Outside Diameter: **6.0mm**, Wall Thickness: 1.0mm, Purity: 99.95+%, Inside Diameter: 4mm, Length: 100 mm to 1000 mm
- CV007500** Outside Diameter: **6.35mm**, Wall Thickness: 1.0mm, Purity: 99.95+%, Inside Diameter: 4.35mm, Length: 100 mm to 1000 mm
- CV007600** Outside Diameter: **8.0mm**, Wall Thickness: 1.0mm, Purity: 99.95+%, Inside Diameter: 6mm, Length: 100 mm to 1000 mm
- CV007800** Outside Diameter: **10mm**, Wall Thickness: 1.0mm, Purity: 99.95+%, Inside Diameter: 8mm, Length: 100 mm to 1000 mm

Dysprosium (Dy)

Foil

- DY000200** Thickness: **0.005mm**, Purity: 99.9%, Temper: As rolled
- DY000210** Thickness: **0.025mm**, Purity: 99.9%, Temper: As rolled
- DY000220** Thickness: **0.1mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 50x50 mm
- DY000225** Thickness: **0.125mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 100x100 mm

Sputtering Target

- DY009100** Thickness: **1.0mm**, Purity: 99.9%, Size: 50 mm to 75 mm

Wire

- DY005105** Diameter: **0.5mm**, Purity: 99.9%, Temper: Hard
- DY005110** Diameter: **1.0mm**, Purity: 99.9%, Temper: Hard

Rod

- DY007905** Diameter: **2.0mm**, Purity: 99.9%, Condition: Cast, Length: 50 mm
- DY007910** Diameter: **6.35mm**, Purity: 99.9%, Condition: Cast, Length: 50 mm to 100 mm

Powder

- DY006010** Max. Particle size: **500micron**, Purity: 99.9%

Lump

- DY006100** Max. Lump size: **25mm**, Purity: 99.9%

Erbium (Er)

Foil

- ER000205** Thickness: **0.005mm**, Purity: 99.9%, Temper: As rolled
- ER000200** Thickness: **0.025mm**, Purity: 99.9%, Temper: As rolled
- ER000210** Thickness: **0.1mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm
- ER000215** Thickness: **0.125mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 50x50 mm
- ER000280** Thickness: **1.0mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 50x50 mm

Sputtering Target

- ER009100** Thickness: **1.0mm**, Purity: 99.9%, Size: 50 mm to 75 mm

Wire

- ER005110** Diameter: **1.0mm**, Purity: 99.9%, Temper: Hard

Rod

- ER007905** Diameter: **2.0mm**, Purity: 99.9%, Condition: Cast, Length: 50 mm
- ER007910** Diameter: **6.35mm**, Purity: 99.9%, Condition: Cast, Length: 50 mm to 100 mm
- ER007920** Diameter: **10.0mm**, Purity: 99.9%, Condition: Cast, Length: 50 mm to 100 mm

Powder

- ER006010** Max. Particle size: **500micron**, Purity: 99.9%

Lump

- ER006100** Max. Lump size: **25mm**, Purity: 99.9%

Europium (Eu)

Foil

- EU000200** Thickness: **0.1mm**, Purity: 99.95%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- EU000201** Thickness: **0.15mm**, Purity: 99.95%, Temper: As rolled, Size: 12.5x12.5 mm

Sputtering Target

- EU009100** Thickness: **1.0mm**, Purity: 99.9%, Size: 50 mm to 75 mm

Metals



Wire

EU005110 Diameter: **1.0mm**, Purity: 99.95%, Temper: Hard



Powder

EU006010 Max. Particle size: **250micron**, Purity: 99.9%

Gadolinium (Gd)



Foil

GD000205 Thickness: **0.005mm**, Purity: 99.9%, Temper: As rolled

GD000210 Thickness: **0.01mm**, Purity: 99.9%, Temper: As rolled

GD000230 Thickness: **0.025mm**, Purity: 99.9%, Temper: As rolled

GD000240 Thickness: **0.1mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 100x100 mm

GD000250 Thickness: **0.25mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 100x100 mm

GD000260 Thickness: **0.5mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 100x100 mm

GD000290 Thickness: **2.0mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 50x50 mm



Sputtering Target

GD009100 Thickness: **1.0mm**, Purity: 99.9%, Size: 50 mm to 75 mm



Wire

GD005105 Diameter: **0.5mm**, Purity: 99.9%, Temper: Hard



Rod

GD007910 Diameter: **6.35mm**, Purity: 99.9%, Condition: Cast, Length: 50 mm to 100 mm

GD007925 Diameter: **12.5mm**, Purity: 99.9%, Condition: Cast, Length: 25 mm to 100 mm



Powder

GD006010 Max. Particle size: **500micron**, Purity: 99.9%



Lump

GD006100 Max. Lump size: **25mm**, Purity: 99.9%

Gallium (Ga)



Lump

GA006120 Max. Lump size: **25mm**, Purity: 99.99%, Melting Pt.: 29.8C

GA006100 Max. Lump size: **25mm**, High Purity: 99.9999%, Melting Pt.: 29.8C

Germanium (Ge)



Microfoil

GE004600 Thinness: **0.25µm**, Specific density: 166.3 µg.cm⁻², Purity: 99.9999%, Permanent support: 6 micron Aluminium, Size: 25x25 mm to 50x50 mm

GE004700 Thinness: **0.5µm**, Specific density: 333 µg.cm⁻², Purity: 99.9999%, Permanent support: 6 micron Aluminium, Size: 25x25 mm



Sheet

GE003052 Thickness: **0.5mm**, Purity: 99.999%, Condition: Single crystal, Size: 50x50 mm

GE003121 Thickness: **1.0mm**, Purity: 99.999%, Condition: Polycrystalline, Diameter: 15 mm

GE003100 Thickness: **1.0mm**, Purity: 99.999%, Condition: Single crystal, Diameter: 20 mm

GE003120 Thickness: **1.0mm**, Purity: 99.999%, Condition: Polycrystalline, Size: 25x25 mm

GE003101 Thickness: **1.0mm**, Purity: 99.999%, Condition: Single crystal, Size: 25x25 mm

GE003122 Thickness: **1.0mm**, Purity: 99.999%, Condition: Polycrystalline, Size: 50x50 mm

GE003130 Thickness: **3.0mm**, Purity: 99.999%, Condition: Polycrystalline, Size: 25x25 mm

GE003131 Thickness: **3.0mm**, Purity: 99.999%, Condition: Polycrystalline, Size: 50x50 mm



Sputtering Target

GE009200 Thickness: **2.0mm**, Purity: 99.999%, Size: 25.4 mm

GE009300 Thickness: **3.0mm**, Purity: 99.999%, Size: 50.8 mm



Rod

GE007910 Diameter: **2.0mm**, Purity: 99.999%, Condition: Polycrystalline, Electrical type: N-Type, Length: 25 mm to 45 mm

GE007920 Diameter: **5.0mm**, Purity: 99.999%, Condition: Polycrystalline, Electrical type: N-Type, Length: 25 mm to 50 mm

GE007930 Diameter: **6.0mm**, Purity: 99.999%, Condition: Single crystal, Length: 6 mm



Powder

GE006011 Max. Particle size: **150micron**, Purity: 99.999%



Lump

GE006101 Max. Lump size: **10mm**, Purity: 99.999%, Condition: Polycrystalline

GE006100 Max. Lump size: **25mm**, Purity: 99.999%, Condition: Polycrystalline

Gold (Au)



Microfoil

AU004100 Thinness: **0.01µm**, Specific density: 20.7 µg.cm⁻², Purity: 99.99+%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm

AU004300 Thinness: **0.05µm**, Specific density: 101.3 µg.cm⁻², Purity: 99.99+%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm

AU004500 Thinness: **0.1µm**, Specific density: 204.1 µg.cm⁻², Purity: 99.99+%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm

AU004600 Thinness: **0.25µm**, Specific density: 483 µg.cm⁻², Purity: 99.99+%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm

AU004700 Thinness: **0.5µm**, Specific density: 966 µg.cm⁻², Purity: 99.99+%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm

AU004800 Thinness: **0.75µm**, Specific density: 1449 µg.cm⁻², Purity: 99.99+%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm

AU004850 Thinness: **1.0µm**, Specific density: 1932 µg.cm⁻², Purity: 99.99+%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm



Microleaf

AU004925 Thinness: **0.25µm**, Specific density: 483 µg.cm⁻², Purity: 99.99+%, Support: Removable, Diameter: 10 mm

Metals

AU004950 Thinness: **0.5µm**, Specific density: 966 µg.cm⁻², Purity: 99.99 + %, Support: Removable, Diameter: 10 mm

AU004990 Thinness: **1.0µm**, Specific density: 1932 µg.cm⁻², Purity: 99.99 + %, Support: Removable, Diameter: 10 mm



Foil

AU000040 Thickness: **0.0005mm**, Purity: 99.9%, Support: Temporary Acrylic

AU000050 Thickness: **0.00075mm**, Purity: 99.9%, Support: Temporary Acrylic

AU000060 Thickness: **0.001mm**, Purity: 99.9%

AU000065 Thickness: **0.0015mm**, Purity: 99.9%

AU000070 Thickness: **0.002mm**, Purity: 99.9%

AU000080 Thickness: **0.0025mm**, Purity: 99.9%

AU000090 Thickness: **0.003mm**, Purity: 99.9%

AU000100 Thickness: **0.004mm**, Purity: 99.9%

AU000110 Thickness: **0.005mm**, Purity: 99.9%

AU000120 Thickness: **0.006mm**, Purity: 99.9%, Diameter: 4 mm to 25 mm

AU000130 Thickness: **0.007mm**, Purity: 99.9%, Diameter: 4 mm to 25 mm

AU000140 Thickness: **0.008mm**, Purity: 99.9%, Diameter: 4 mm to 25 mm

AU000150 Thickness: **0.009mm**, Purity: 99.9%, Diameter: 4 mm to 25 mm

AU000160 Thickness: **0.01mm**, Purity: 99.9%, Diameter: 4 mm to 25 mm

AU000310 Thickness: **0.01mm**, Purity: 99.95%, Temper: As rolled, Ribbon width 0.35 mm Length : 0.1 m to 2 m

AU000170 Thickness: **0.0125mm**, Purity: 99.9%, Diameter: 4 mm to 25 mm

AU000330 Thickness: **0.0125mm**, Purity: 99.95%, Temper: As rolled, Ribbon width 0.38 mm Length : 0.1 m to 5 m

AU000180 Thickness: **0.015mm**, Purity: 99.9%, Diameter: 4 mm to 25 mm

AU000190 Thickness: **0.02mm**, Purity: 99.9%, Diameter: 4 mm to 15 mm

AU000340 Thickness: **0.025mm**, Purity: 99.95%, Temper: As rolled, Diameter: 4 mm to 15 mm

AU000341 Thickness: **0.025mm**, High Purity: 99.99 + %, Temper: As rolled, Diameter: 4 mm to 15 mm

AU000344 Thickness: **0.05mm**, Purity: 99.95%, Condition: Central 0.06mm diameter hole, Diameter: 8 mm

AU000345 Thickness: **0.05mm**, Purity: 99.95%, Temper: As rolled, Size: 25x25 mm to 100x100 mm

AU000347 Thickness: **0.05mm**, High Purity: 99.99 + %, Temper: As rolled, Size: 25x25 mm to 50x50 mm

AU000349 Thickness: **0.10mm**, Purity: 99.95%, Temper: As rolled, Size: 25x25 mm to 100x100 mm

AU000348 Thickness: **0.10mm**, High Purity: 99.99 + %, Temper: As rolled, Size: 25x25 mm to 100x100 mm

AU000360 Thickness: **0.10mm**, High Purity: 99.999%, Temper: As rolled, Size: 25x25 mm to 50x50 mm

AU000350 Thickness: **0.125mm**, High Purity: 99.99 + %, Temper: As rolled, Size: 25x25 mm to 100x100 mm

AU000371 Thickness: **0.250mm**, Purity: 99.95%, Temper: As rolled, Size: 10x10 mm to 100x100 mm

AU000370 Thickness: **0.250mm**, High Purity: 99.99 + %, Temper: As rolled, Size: 10x10 mm to 50x50 mm

AU000372 Thickness: **0.25mm**, High Purity: 99.999%, Temper: As rolled, Size: 25x25 mm to 50x50 mm

AU000380 Thickness: **0.50mm**, Purity: 99.95%, Temper: As rolled, Size: 10x10 mm to 50x50 mm

AU000390 Thickness: **1.0mm**, Purity: 99.95%, Temper: As rolled, Size: 10x10 mm to 50x50 mm

AU000400 Thickness: **2.0mm**, Purity: 99.95%, Temper: As rolled, Size: 10x10 mm to 50x50 mm



Sputtering Target

AU009202 Thickness: **0.2mm**, Purity: 99.95%, Size: 50 mm to 57 mm

AU009203 Thickness: **0.5mm**, Purity: 99.95%, Size: 50 mm to 54 mm

AU009206 Thickness: **1.0mm**, Purity: 99.95%, Size: 50 mm to 54 mm

AU009208 Thickness: **3mm**, Purity: 99.95%, Size: 50 mm



Mesh

AU008721 Nominal Aperture: **0.011mm**, Purity: 99.9%, Thickness: 0.004mm, Wire diameter: 0.005mm, Wires/inch: 1500, Open area: 44%, Type: Electro-formed mesh, Size: 14x25 mm to 50x50 mm

AU008725 Nominal Aperture: **0.04mm**, Purity: 99.9%, Thickness: 0.006mm, Wire diameter: 0.011mm, Wires/inch: 500, Open area: 60%, Type: Electro-formed mesh, Size: 25x25 mm to 50x50 mm

AU008730 Nominal Aperture: **0.064mm**, Purity: 99.9%, Thickness: 0.004mm, Wire diameter: 0.0125mm, Wires/inch: 333, Open area: 70%, Type: Electro-formed mesh, Size: 25x25 mm to 50x50 mm

AU008710 Nominal Aperture: **0.25mm**, Purity: 99.9%, Wire diameter: 0.06mm, Wires/inch: 82x82, Open area: 65%, Type: Plain weave mesh, Size: 20x20 mm to 100x100 mm



Wire

AU005105 Diameter: **0.005mm**, Purity: 99.99 + %, Temper: Hard

AU005110 Diameter: **0.01mm**, Purity: 99.99 + %, Temper: Hard

AU005115 Diameter: **0.0125mm**, Purity: 99.99 + %, Temper: Hard

AU005120 Diameter: **0.025mm**, Purity: 99.99 + %, Temper: Hard

AU005121 Diameter: **0.025mm**, Purity: 99.99 + %, Temper: Annealed

AU005125 Diameter: **0.05mm**, Purity: 99.99 + %, Temper: As drawn

AU005130 Diameter: **0.06mm**, Purity: 99.99 + %, Temper: Hard

AU005133 Diameter: **0.10mm**, High Purity: 99.99 + %, Temper: Annealed

AU005135 Diameter: **0.125mm**, High Purity: 99.99 + %, Temper: Hard

AU005137 Diameter: **0.20mm**, High Purity: 99.99 + %, Temper: Annealed

AU005140 Diameter: **0.25mm**, High Purity: 99.99 + %, Temper: Hard

Metals

- AU005145** Diameter: **0.33mm**, Purity: 99.95%, Temper: As drawn
- AU005148** Diameter: **0.40mm**, Purity: 99.95%, Temper: As drawn
- AU005160** Diameter: **0.5mm**, Purity: 99.95%, Temper: As drawn
- AU005150** Diameter: **0.5mm**, High Purity: 99.99 + %, Temper: Hard
- AU005151** Diameter: **0.5mm**, High Purity: 99.999%, Temper: Hard
- AU005165** Diameter: **0.75mm**, Purity: 99.95%, Temper: As drawn
- AU005166** Diameter: **0.75mm**, High Purity: 99.999%, Temper: As drawn
- AU005171** Diameter: **1.0mm**, Purity: 99.95%, Temper: As drawn
- AU005170** Diameter: **1.0mm**, High Purity: 99.99 + %, Temper: Hard



Insulated Wire

- AU005825** Conductor diameter: **0.025mm**, Insulation thickness: 0.002mm, Purity: 99.99%, Insulation: PTFE
- AU005820** Conductor diameter: **0.025mm**, Insulation thickness: 0.005mm, Purity: 99.99%, Insulation: Polyester
- AU005830** Conductor diameter: **0.05mm**, Insulation thickness: 0.007mm, Purity: 99.99%, Insulation: Polyester
- AU005835** Conductor diameter: **0.05mm**, Insulation thickness: 0.009mm, Purity: 99.99%, Insulation: PTFE
- AU005810** Conductor diameter: **0.075mm**, Insulation thickness: 0.012mm, Purity: 99.99%, Insulation: PTFE
- AU005837** Conductor diameter: **0.10mm**, Insulation thickness: 0.013mm, Purity: 99.99%, Insulation: PTFE
- AU005840** Conductor diameter: **0.125mm**, Insulation thickness: 0.014mm, Purity: 99.99%, Insulation: Polyester
- AU005845** Conductor diameter: **0.125mm**, Insulation thickness: 0.016mm, Purity: 99.99%, Insulation: PTFE
- AU005860** Conductor diameter: **0.30mm**, Insulation thickness: 0.02mm, Purity: 99.99%, Insulation: PTFE



Rod

- AU007905** Diameter: **1.6mm**, Purity: 99.95%, Temper: As drawn, Length: 25 mm to 100 mm
- AU007910** Diameter: **2.0mm**, Purity: 99.95%, Temper: As drawn, Length: 25 mm to 100 mm
- AU007920** Diameter: **3.0mm**, Purity: 99.95%, Temper: As drawn, Length: 10 mm to 100 mm
- AU007940** Diameter: **4.0mm**, Purity: 99.95%, Temper: As drawn, Length: 10 mm to 50 mm
- AU007950** Diameter: **5.0mm**, Purity: 99.95%, Temper: As drawn, Length: 10 mm to 25 mm
- AU007960** Diameter: **6.0mm**, Purity: 99.95%, Temper: As drawn, Length: 6 mm
- AU007961** Diameter: **6.0mm**, Purity: 99.95%, Temper: As drawn, Length: 10 mm to 25 mm



Tube

- AU007020** Outside Diameter: **0.15mm**, Wall Thickness: 0.05mm, Purity: 99.95%, Inside Diameter: 0.05mm, Temper: As drawn, Length: 10 mm
- AU007050** Outside Diameter: **0.3mm**, Wall Thickness: 0.05mm, Purity: 99.95%, Inside Diameter: 0.2mm, Temper: As drawn, Length: 100 mm to 500 mm
- AU007150** Outside Diameter: **1.0mm**, Wall Thickness: 0.25mm, Purity: 99.95%, Inside Diameter: 0.5mm, Temper: As drawn, Length: 50 mm to 1000 mm
- AU007100** Outside Diameter: **1.0mm**, Wall Thickness: 0.15mm, Purity: 99.95%, Inside Diameter: 0.7mm, Temper: As drawn, Length: 50 mm to 1000 mm
- AU007180** Outside Diameter: **1.60mm**, Wall Thickness: 0.5mm, Purity: 99.95%, Inside Diameter: 0.6mm, Temper: As drawn, Length: 50 mm to 500 mm
- AU007201** Outside Diameter: **2.0mm**, Wall Thickness: 0.15mm, Purity: 99.95%, Inside Diameter: 1.7mm, Temper: As drawn, Length: 50 mm to 200 mm
- AU007200** Outside Diameter: **2.0mm**, Wall Thickness: 0.1mm, Purity: 99.95%, Inside Diameter: 1.8mm, Temper: As drawn, Length: 50 mm to 1000 mm
- AU007300** Outside Diameter: **3.0mm**, Wall Thickness: 0.15mm, Purity: 99.95%, Inside Diameter: 2.7mm, Temper: As drawn, Length: 50 mm to 200 mm
- AU007290** Outside Diameter: **3.0mm**, Wall Thickness: 0.10mm, Purity: 99.95%, Inside Diameter: 2.8mm, Temper: As drawn, Length: 50 mm to 200 mm
- AU007650** Outside Diameter: **8mm**, Wall Thickness: 0.1mm, Purity: 99.95%, Inside Diameter: 7.8mm, Temper: As drawn, Length: 100 mm to 200 mm
- AU007700** Outside Diameter: **10.0mm**, Wall Thickness: 0.15mm, Purity: 99.95%, Inside Diameter: 9.7mm, Temper: As drawn, Length: 100 mm



Powder

- AU006021** Mean Particle size: **0.03micron (FSS)**, Purity: 99.95%, Condition: Nanopowder
- AU006020** Mean Particle size: **<2micron (FSS)**, Purity: 99.95%
- AU006015** Max. Particle size: **53micron**, Purity: 99.95%
- AU006010** Max. Particle size: **250micron**, Purity: 99.95%



Lump

- AU006100** Max. Lump size: **6mm**, Purity: 99.95%



Sphere

- AU006840** Diameter: **0.5mm**, Purity: 99.99%



Single Crystal

- AU002120** Oriented: **(100)**, Diameter: 10mm, Length: 1mm
- AU002121** Oriented: **(100)**, Diameter: 10mm, Length: 1mm, Condition: Polished on 1 side to 1 micron
- AU002130** Oriented: **(110)**, Diameter: 10mm, Length: 1mm
- AU002131** Oriented: **(110)**, Diameter: 10mm, Length: 1mm, Condition: Polished on 1 side to 1 micron
- AU002140** Oriented: **(111)**, Diameter: 10mm, Length: 1mm

Metals

AU002141 Oriented: (111), Diameter: 10mm, Length: 1mm, Condition: Polished on 1 side to 1 micron

Hafnium (Hf)



Microfoil

HF004500 Thickness: **0.1µm**, Specific density: 118.7 µg.cm⁻², Purity: 97.0%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm



Foil

- HF000090** Thickness: **0.003mm**, Purity: 97.0%
- HF000100** Thickness: **0.004mm**, Purity: 97.0%
- HF000110** Thickness: **0.005mm**, Purity: 97.0%, Diameter: 4 mm to 15 mm
- HF000120** Thickness: **0.006mm**, Purity: 97.0%, Diameter: 4 mm to 15 mm
- HF000130** Thickness: **0.007mm**, Purity: 97.0%, Diameter: 4 mm to 15 mm
- HF000140** Thickness: **0.008mm**, Purity: 97.0%, Diameter: 4 mm to 15 mm
- HF000150** Thickness: **0.009mm**, Purity: 97.0%, Diameter: 4 mm to 25 mm
- HF000160** Thickness: **0.01mm**, Purity: 97.0%, Diameter: 4 mm to 15 mm
- HF000170** Thickness: **0.0125mm**, Purity: 97.0%, Diameter: 4 mm to 15 mm
- HF000180** Thickness: **0.015mm**, Purity: 97.0%, Size: 25x25 mm to 100x100 mm
- HF000190** Thickness: **0.02mm**, Purity: 97.0%, Size: 25x25 mm to 100x100 mm
- HF000200** Thickness: **0.025mm**, Purity: 97.0%, Temper: Annealed, Diameter: 4 mm to 25 mm
- HF000205** Thickness: **0.075mm**, Purity: 97.0%, Temper: Annealed, Size: 25x25 mm to 150x150 mm
- HF000210** Thickness: **0.125mm**, Purity: 97.0%, Temper: Annealed, Size: 25x25 mm to 150x150 mm
- HF000214** Thickness: **0.14mm**, Purity: 97.0%, Temper: Annealed, Size: 25x25 mm to 150x150 mm
- HF000220** Thickness: **0.25mm**, Purity: 97.0%, Temper: Annealed, Size: 25x25 mm to 100x100 mm
- HF000230** Thickness: **0.5mm**, Purity: 97.0%, Temper: Annealed, Size: 25x25 mm to 100x100 mm
- HF000240** Thickness: **1.0mm**, Purity: 97.0%, Temper: Annealed, Size: 25x25 mm to 100x100 mm



Sputtering Target

HF009300 Thickness: **3.0mm**, Purity: 97.0%, Size: 50 mm



Wire

- HF005105** Diameter: **0.125mm**, Purity: 97.0%, Temper: As drawn
- HF005110** Diameter: **0.25mm**, Purity: 97.0%, Temper: As drawn
- HF005120** Diameter: **0.5mm**, Purity: 97.0%, Temper: As drawn
- HF005130** Diameter: **1.0mm**, Purity: 97.0%, Temper: As drawn



Rod

- HF007900** Diameter: **1.6mm**, Purity: 97.0%, Temper: As drawn, Length: 100 mm to 1000 mm
- HF007902** Diameter: **2.0mm**, Purity: 97%, Temper: As drawn, Length: 100 mm to 1000 mm

HF007910 Diameter: **5.0mm**, Purity: 97%, Temper: As drawn, Length: 50 mm to 200 mm



Powder

HF006010 Max. Particle size: **45micron**, Purity: 95.0+ %



Lump

HF006100 Max. Lump size: **10mm**, Purity: 97.0%, Condition: Sponge

Holmium (Ho)



Foil

- HO000200** Thickness: **0.005mm**, Purity: 99.9%, Temper: As rolled
- HO000205** Thickness: **0.0125mm**, Purity: 99.9%, Temper: As rolled, Tolerance: 20%
- HO000210** Thickness: **0.025mm**, Purity: 99.9%, Temper: As rolled, Tolerance: 20%
- HO000215** Thickness: **0.05mm**, Purity: 99.9%, Temper: As rolled, Tolerance: 20%, Size: 25x25 mm to 100x100 mm
- HO000220** Thickness: **0.1mm**, Purity: 99.9%, Temper: As rolled, Tolerance: 20%, Size: 25x25 mm
- HO000221** Thickness: **0.125mm**, Purity: 99.9%, Temper: As rolled, Tolerance: 20%, Size: 25x25 mm to 100x100 mm



Wire

- HO005105** Diameter: **0.5mm**, Purity: 99.9%, Temper: As drawn
- HO005110** Diameter: **1.0mm**, Purity: 99.9%, Temper: Hard



Rod

- HO007905** Diameter: **3.8mm**, Purity: 99.9%, Length: 50 mm to 200 mm
- HO007910** Diameter: **6.35mm**, Purity: 99.9%, Condition: Cast, Length: 50 mm to 100 mm



Powder

HO006010 Max. Particle size: **500micron**, Purity: 99.9%



Lump

HO006100 Max. Lump size: **25mm**, Purity: 99.9%

Indium (In)



Microfoil

IN004700 Thickness: **0.5µm**, Specific density: 344.7 µg.cm⁻², Purity: 99.999%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm



Foil

- IN000040** Thickness: **0.002mm**, Purity: 99.8%, Support: Temporary Acrylic
- IN000050** Thickness: **0.0025mm**, Purity: 99.8%, Support: Temporary Acrylic
- IN000060** Thickness: **0.003mm**, Purity: 99.8%, Support: Temporary Acrylic
- IN000070** Thickness: **0.004mm**, Purity: 99.8%, Support: Temporary Acrylic
- IN000080** Thickness: **0.005mm**, Purity: 99.8%, Support: Temporary Acrylic
- IN000090** Thickness: **0.006mm**, Purity: 99.8%, Support: Temporary Acrylic

Metals

- IN000100** Thickness: **0.007mm**, Purity: 99.8%, Support: Temporary Acrylic
- IN000110** Thickness: **0.008mm**, Purity: 99.8%, Support: Temporary Acrylic
- IN000120** Thickness: **0.009mm**, Purity: 99.8%, Support: Temporary Acrylic
- IN000130** Thickness: **0.01mm**, Purity: 99.8%, Diameter: 4 mm to 25 mm
- IN000140** Thickness: **0.0125mm**, Purity: 99.8%, Support: Temporary Acrylic, Diameter: 4 mm to 15 mm
- IN000150** Thickness: **0.015mm**, Purity: 99.8%, Diameter: 4 mm to 15 mm
- IN000160** Thickness: **0.02mm**, Purity: 99.8%, Diameter: 4 mm to 15 mm
- IN000170** Thickness: **0.025mm**, Purity: 99.8%, Diameter: 4 mm to 15 mm
- IN000180** Thickness: **0.03mm**, Purity: 99.8%, Diameter: 4 mm to 15 mm
- IN000190** Thickness: **0.04mm**, Purity: 99.8%, Diameter: 4 mm to 15 mm
- IN000200** Thickness: **0.05mm**, High Purity: 99.999%, Temper: As rolled, Tolerance: 20%, Diameter: 4 mm to 25 mm
- IN000210** Thickness: **0.075mm**, High Purity: 99.999%, Temper: As rolled, Tolerance: 20%, Diameter: 4 mm to 50 mm
- IN000230** Thickness: **0.1mm**, High Purity: 99.999%, Temper: As rolled, Tolerance: 20%, Size: 25x25 mm to 150x150 mm
- IN000250** Thickness: **0.125mm**, High Purity: 99.999%, Temper: As rolled, Size: 25x25 mm to 150x150 mm
- IN000260** Thickness: **0.20mm**, High Purity: 99.999%, Temper: As rolled, Size: 25x25 mm to 150x150 mm
- IN000264** Thickness: **0.25mm**, High Purity: 99.999%, Temper: As rolled, Size: 25x25 mm to 150x150 mm
- IN000266** Thickness: **0.5mm**, High Purity: 99.999%, Temper: As rolled, Size: 25x25 mm to 150x150 mm
- IN000268** Thickness: **0.75mm**, High Purity: 99.999%, Temper: As rolled, Size: 25x25 mm to 150x150 mm
- IN000270** Thickness: **1.0mm**, High Purity: 99.999%, Temper: As rolled, Size: 25x25 mm to 300x300 mm
- IN000300** Thickness: **2.0mm**, High Purity: 99.999%, Temper: As rolled, Size: 25x25 mm to 150x150 mm
- IN000350** Thickness: **3.0mm**, High Purity: 99.999%, Temper: As rolled, Size: 25x25 mm to 100x100 mm



Sputtering Target

- IN009200** Thickness: **2.0mm**, High Purity: 99.999%, Size: 50 mm to 75 mm
- IN009300** Thickness: **3.0mm**, High Purity: 99.999%, Size: 50 mm to 75 mm
- IN009600** Thickness: **6.0mm**, High Purity: 99.999%, Size: 50 mm to 76.2 mm



Wire

- IN005105** Diameter: **0.15mm**, High Purity: 99.999%, Temper: As drawn

- IN005110** Diameter: **0.25mm**, High Purity: 99.999%, Temper: As drawn
- IN005120** Diameter: **0.5mm**, High Purity: 99.999%, Temper: As drawn
- IN005125** Diameter: **0.75mm**, High Purity: 99.999%, Temper: As drawn
- IN005130** Diameter: **1.0mm**, High Purity: 99.999%, Temper: As drawn
- IN005140** Diameter: **1.5mm**, High Purity: 99.999%, Temper: As drawn
- IN005142** Diameter: **1.8mm**, High Purity: 99.999%, Temper: As drawn



Rod

- IN007910** Diameter: **2.0mm**, High Purity: 99.999%, Length: 100 mm to 1000 mm
- IN007915** Diameter: **3.5mm**, High Purity: 99.999%, Length: 100 mm to 1000 mm
- IN007920** Diameter: **5.0mm**, High Purity: 99.999%, Length: 50 mm to 1000 mm
- IN007921** Diameter: **5.0mm**, High Purity: 99.99999%, Length: 25 mm
- IN007930** Diameter: **10.0mm**, High Purity: 99.999%, Length: 50 mm to 300 mm



Bar

- IN008010** Side Length: **27mm**, Side Length (of longer side): 35mm, High Purity: 99.999%, Length: 150 mm



Powder

- IN006010** Max. Particle size: **150micron**, High Purity: 99.999%



Lump

- IN006100** Max. Lump size: **15mm**, High Purity: 99.999%
- IN006120** Max. Lump size: **20mm**, High Purity: 99.99998%

Iridium (Ir)



Microfoil

- IR004500** Thickness: **0.1µm**, Specific density: 224 µg.cm⁻², Purity: 99.9%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm



Foil

- IR000201** Thickness: **0.05mm**, Purity: 99.9%, Temper: As rolled, Ribbon width 0.5 mm Length : 0.025 m to 0.18 m
- IR000200** Thickness: **0.05mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 50x50 mm
- IR000210** Thickness: **0.125mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 50x50 mm
- IR000220** Thickness: **0.25mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 50x50 mm
- IR000270** Thickness: **0.5mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 50x50 mm
- IR000301** Thickness: **1.0mm**, Purity: 99.9%, Temper: As rolled, Diameter: 5 mm to 8 mm
- IR000300** Thickness: **1.0mm**, Purity: 99.9%, Temper: As rolled, Size: 10x10 mm to 50x50 mm



Sputtering Target

- IR009100** Thickness: **1.0mm**, Purity: 99.9%, Size: 50.8 mm

Metals



Wire

- IR005100** Diameter: **0.075mm**, Purity: 99.9%, Temper: As drawn
- IR005102** Diameter: **0.1mm**, Purity: 99.9%, Temper: As drawn
- IR005106** Diameter: **0.125mm**, Purity: 99.5%, Temper: As drawn
- IR005105** Diameter: **0.125mm**, Purity: 99.9%, Temper: As drawn
- IR005110** Diameter: **0.15mm**, Purity: 99.9%, Temper: As drawn
- IR005118** Diameter: **0.2mm**, Purity: 99.9%, Temper: As drawn
- IR005120** Diameter: **0.25mm**, Purity: 99.9%, Temper: As drawn
- IR005125** Diameter: **0.38mm**, Purity: 99.9%, Temper: As drawn
- IR005130** Diameter: **0.5mm**, Purity: 99.9%, Temper: As drawn
- IR005135** Diameter: **0.8mm**, Purity: 99.9%, Temper: As drawn
- IR005140** Diameter: **1.0mm**, Purity: 99.9%, Temper: As drawn
- IR005150** Diameter: **2.0mm**, Purity: 99.9%, Temper: As drawn



Rod

- IR007920** Diameter: **2.0mm**, Purity: 99.9%, Temper: As drawn, Length: 25 mm to 100 mm
- IR007940** Diameter: **6.0mm**, Purity: 99.9%, Temper: As drawn, Length: 30 mm



Powder

- IR006012** Max. Particle size: **50micron**, Purity: 99.9%
- IR006010** Max. Particle size: **850micron**, High Purity: 99.995%



Lump

- IR006100** Max. Lump size: **10mm**, Purity: 99.9%

Iron (Fe)



Microfoil

- FE004300** Thinness: **0.05µm**, Specific density: 40.4 µg.cm⁻², Purity: 99.99+%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm
- FE004550** Thinness: **0.15µm**, Specific density: 176.7 µg.cm⁻², Purity: 99.99+%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm
- FE004600** Thinness: **0.25µm**, Specific density: 176.7 µg.cm⁻², Purity: 99.99+%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm



Foil

- FE000030** Thickness: **0.0005mm**, Purity: 99.85%, Support: Temporary Acrylic
- FE000040** Thickness: **0.00075mm**, Purity: 99.85%, Support: Temporary Acrylic
- FE000050** Thickness: **0.001mm**, Purity: 99.85%
- FE000060** Thickness: **0.002mm**, Purity: 99.85%
- FE000070** Thickness: **0.0025mm**, Purity: 99.85%
- FE000080** Thickness: **0.003mm**, Purity: 99.85%, Diameter: 4 mm to 25 mm

- FE000090** Thickness: **0.004mm**, Purity: 99.85%, Diameter: 4 mm to 25 mm
- FE000201** Thickness: **0.004mm**, High Purity: 99.99+%, Diameter: 4 mm to 15 mm
- FE000100** Thickness: **0.005mm**, Purity: 99.85%, Diameter: 4 mm to 25 mm
- FE000110** Thickness: **0.006mm**, Purity: 99.85%, Diameter: 4 mm to 25 mm
- FE000120** Thickness: **0.007mm**, Purity: 99.85%, Diameter: 4 mm to 25 mm
- FE000130** Thickness: **0.008mm**, Purity: 99.85%, Diameter: 4 mm to 25 mm
- FE000140** Thickness: **0.009mm**, Purity: 99.85%, Diameter: 4 mm to 25 mm
- FE000150** Thickness: **0.01mm**, Purity: 99.85%, Diameter: 4 mm to 15 mm
- FE000207** Thickness: **0.01mm**, High Purity: 99.99+%, Diameter: 4 mm to 25 mm
- FE000160** Thickness: **0.0125mm**, Purity: 99.85%, Diameter: 4 mm to 25 mm
- FE000210** Thickness: **0.0125mm**, High Purity: 99.99+%, Diameter: 4 mm to 50 mm
- FE000170** Thickness: **0.015mm**, Purity: 99.85%, Diameter: 4 mm to 25 mm
- FE000211** Thickness: **0.015mm**, High Purity: 99.99+%, Diameter: 4 mm to 25 mm
- FE000180** Thickness: **0.020mm**, Purity: 99.85%, Diameter: 4 mm to 25 mm
- FE000240** Thickness: **0.025mm**, Purity: 99.5%, Temper: Hard, Coil width 150 mm, Size: 25x25 mm to 150x150 mm
- FE000230** Thickness: **0.025mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- FE000255** Thickness: **0.038mm**, Purity: 99.5%, Temper: Hard, Coil width 120 mm, Size: 25x25 mm to 100x100 mm
- FE000260** Thickness: **0.05mm**, Purity: 99.5%, Temper: Hard, Coil width 200 mm Length : 0.5 m to 20 m
- FE000262** Thickness: **0.05mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- FE000290** Thickness: **0.075mm**, Purity: 99.5%, Temper: Hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- FE000292** Thickness: **0.075mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- FE000320** Thickness: **0.1mm**, Purity: 99.5%, Temper: Hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- FE000330** Thickness: **0.125mm**, Purity: 99.5%, Temper: Hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- FE000360** Thickness: **0.125mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- FE000380** Thickness: **0.15mm**, Purity: 99.5%, Temper: Hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- FE000390** Thickness: **0.20mm**, Purity: 99.5%, Temper: Hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

Metals

- FE000400** Thickness: **0.25mm**, Purity: 99.5%, Temper: Hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- FE000401** Thickness: **0.25mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- FE000403** Thickness: **0.38mm**, Purity: 99.5%, Temper: Hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- FE000405** Thickness: **0.5mm**, Purity: 99.5%, Temper: Hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- FE000408** Thickness: **0.5mm**, Purity: 99.8+%, Condition: ARMCO[®] soft ingot Iron, Coil width 49 mm Length : 0.2 m to 5 m
- FE000406** Thickness: **0.5mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- FE000409** Thickness: **0.9mm**, Purity: 99.5%, Temper: As rolled, Size: 25x25 mm to 300x300 mm
- FE000410** Thickness: **1.0mm**, Purity: 99.5%, Temper: As rolled, Size: 25x25 mm to 50x50 mm
- FE000413** Thickness: **1.0mm**, Purity: 99.8+%, Temper: As rolled, Condition: ARMCO[®] soft ingot Iron, Size: 150x150 mm to 300x300 mm
- FE000411** Thickness: **1.0mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- FE000450** Thickness: **1.5mm**, Purity: 99.5%, Temper: As rolled, Size: 25x25 mm to 500x500 mm
- FE000580** Thickness: **1.83mm**, Purity: 99.5%, Temper: Quarter hard, Size: 25x25 mm to 150x150 mm
- FE000460** Thickness: **2mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- FE000470** Thickness: **3.0mm**, Purity: 99.5%, Temper: As rolled, Size: 150x150 mm to 300x300 mm
- FE000480** Thickness: **3.1mm**, Purity: 99.95%, Temper: As rolled, Size: 50x50 mm
- FE000500** Thickness: **5mm**, Purity: 99.8+%, Temper: As rolled, Condition: ARMCO[®] soft ingot Iron, Size: 150x150 mm
- FE000501** Thickness: **5mm**, Purity: 99.8+%, Temper: As rolled, Condition: ARMCO[®] soft ingot Iron, Size: 180x605 mm



Sputtering Target

- FE009200** Thickness: **2.0mm**, Purity: 99.95%, Size: 50 mm to 75 mm
- FE009300** Thickness: **3.0mm**, Purity: 99.95%, Size: 50 mm
- FE009301** Thickness: **3.0mm**, High Purity: 99.99+%, Size: 50 mm
- FE009601** Thickness: **6.0mm**, Purity: 99.95%, Size: 50.8 mm
- FE009600** Thickness: **6.0mm**, Purity: 99.99+%, Size: 50 mm



Wire

- FE005105** Diameter: **0.025mm**, High Purity: 99.99+%, Temper: As drawn
- FE005112** Diameter: **0.065mm**, Purity: 99.5%, Temper: Hard
- FE005121** Diameter: **0.125mm**, Purity: 99.5%, Temper: Hard
- FE005125** Diameter: **0.13mm**, High Purity: 99.99+%, Temper: Hard

- FE005131** Diameter: **0.25mm**, Purity: 99.5%, Temper: Hard
- FE005140** Diameter: **0.25mm**, High Purity: 99.99+%, Temper: Hard
- FE005141** Diameter: **0.25mm**, High Purity: 99.99+%, Temper: Annealed
- FE005153** Diameter: **0.5mm**, Purity: 99.95%, Temper: As drawn
- FE005155** Diameter: **0.5mm**, High Purity: 99.99+%, Temper: Hard
- FE005156** Diameter: **0.5mm**, High Purity: 99.998%, Temper: As drawn
- FE005180** Diameter: **1.0mm**, High Purity: 99.99+%, Temper: As drawn



Insulated Wire

- FE005820** Conductor diameter: **0.25mm**, Insulation thickness: 0.01mm, Insulation: Polyester



Rod

- FE007911** Diameter: **2.0mm**, Purity: 99.95%, Temper: As drawn, Length: 100 mm to 1000 mm
- FE007910** Diameter: **2.0mm**, High Purity: 99.99+%, Temper: As drawn, Length: 100 mm to 1000 mm
- FE007925** Diameter: **3.0mm**, High Purity: 99.99+%, Temper: As drawn, Length: 100 mm to 1000 mm
- FE007920** Diameter: **3.2mm**, Purity: 98+%, Temper: As drawn, Length: 100 mm to 1000 mm
- FE007930** Diameter: **4.8mm**, Purity: 98+%, Temper: As drawn, Length: 100 mm to 1000 mm
- FE007943** Diameter: **5.0mm**, High Purity: 99.99+%, Temper: As drawn, Length: 50 mm to 300 mm
- FE007945** Diameter: **6.0mm**, High Purity: 99.99+%, Temper: As drawn, Length: 50 mm to 300 mm
- FE007948** Diameter: **8.0mm**, High Purity: 99.99+%, Temper: As drawn, Length: 50 mm to 100 mm
- FE007950** Diameter: **9.5mm**, Purity: 98+%, Temper: As drawn, Length: 100 mm to 1000 mm
- FE007955** Diameter: **10.0mm**, High Purity: 99.99+%, Temper: As drawn, Length: 25 mm to 100 mm
- FE007957** Diameter: **12.7mm**, Purity: 98+%, Temper: As drawn, Length: 100 mm to 1000 mm
- FE007956** Diameter: **12.7mm**, Purity: 99.95%, Temper: As drawn, Length: 50 mm to 500 mm
- FE007960** Diameter: **19.0mm**, Purity: 98+%, Temper: As drawn, Length: 100 mm to 1000 mm
- FE007975** Diameter: **30mm**, Purity: 98+%, Temper: As drawn, Length: 100 mm to 1000 mm
- FE007974** Diameter: **30mm**, Purity: 99.8+%, Temper: As drawn, Condition: ARMCO[®] soft ingot iron, Length: 100 mm to 1000 mm
- FE007980** Diameter: **50mm**, Purity: 99.8+%, Temper: As drawn, Condition: ARMCO[®] soft ingot iron, Length: 50 mm to 500 mm
- FE007990** Diameter: **80mm**, Purity: 99.8+%, Temper: As drawn, Condition: ARMCO[®] soft ingot iron, Length: 100 mm to 200 mm



Tube

- FE007070** Outside Diameter: **1.0mm**, Wall Thickness: 0.1mm, Purity: 99.5%, Inside Diameter: 0.8mm, Temper: As drawn, Length: 100 mm to 1000 mm

Metals

- FE007090** Outside Diameter: **1.40mm**, Wall Thickness: 0.3mm, Purity: 99.8+%, Inside Diameter: 0.8mm, Temper: As drawn, Condition: ARMCO[®] soft ingot iron, Length: 100 mm to 1000 mm
- FE007100** Outside Diameter: **1.65mm**, Wall Thickness: 0.38mm, Purity: 99.8+%, Inside Diameter: 0.89mm, Temper: As drawn, Condition: ARMCO[®] soft ingot iron, Length: 100 mm to 1000 mm
- FE007160** Outside Diameter: **2.0mm**, Wall Thickness: 0.46mm, Purity: 99.5%, Inside Diameter: 1.08mm, Temper: As drawn, Length: 100 mm to 1000 mm
- FE007150** Outside Diameter: **2.0mm**, Wall Thickness: 0.2mm, Purity: 99.5%, Inside Diameter: 1.6mm, Temper: As drawn, Length: 100 mm to 1000 mm
- FE007180** Outside Diameter: **2.30mm**, Wall Thickness: 0.115mm, Purity: 99.5%, Inside Diameter: 2.07mm, Temper: As drawn, Length: 100 mm to 1000 mm
- FE007200** Outside Diameter: **2.38mm**, Wall Thickness: 0.39mm, Purity: 99.8+%, Inside Diameter: 1.6mm, Temper: As drawn, Condition: ARMCO[®] soft ingot iron, Length: 100 mm to 1000 mm
- FE007300** Outside Diameter: **3.18mm**, Wall Thickness: 0.61mm, Purity: 99.5%, Inside Diameter: 1.96mm, Temper: As drawn, Length: 100 mm to 1000 mm
- FE007320** Outside Diameter: **3.2mm**, Wall Thickness: 0.5mm, Purity: 99.8+%, Inside Diameter: 2.2mm, Temper: As drawn, Condition: ARMCO[®] soft ingot iron, Length: 100 mm to 1000 mm
- FE007400** Outside Diameter: **4.0mm**, Wall Thickness: 0.2mm, Purity: 99.5%, Inside Diameter: 3.6mm, Temper: As drawn, Length: 100 mm to 1000 mm
- FE007500** Outside Diameter: **5.0mm**, Wall Thickness: 0.5mm, Purity: 99.5%, Inside Diameter: 4mm, Temper: As drawn, Length: 100 mm to 1000 mm
- FE007501** Outside Diameter: **5.0mm**, Wall Thickness: 0.25mm, Purity: 99.5%, Inside Diameter: 4.5mm, Temper: As drawn, Length: 100 mm to 1000 mm
- FE007550** Outside Diameter: **6.35mm**, Wall Thickness: 0.5mm, Purity: 99.8+%, Inside Diameter: 5.35mm, Temper: As drawn, Condition: ARMCO[®] soft ingot iron, Length: 100 mm to 1000 mm
- FE007570** Outside Diameter: **8.0mm**, Wall Thickness: 1.5mm, Purity: 99.5%, Inside Diameter: 5mm, Temper: Annealed, Length: 100 mm to 1000 mm
- FE007600** Outside Diameter: **9.5mm**, Wall Thickness: 0.5mm, Purity: 99.8+%, Inside Diameter: 8.5mm, Temper: As drawn, Condition: ARMCO[®] soft ingot iron, Length: 100 mm to 1000 mm
- FE007650** Outside Diameter: **10.0mm**, Wall Thickness: 1.5mm, Purity: 99.5%, Inside Diameter: 7mm, Temper: Annealed, Length: 100 mm to 1000 mm
- FE007645** Outside Diameter: **10.6mm**, Wall Thickness: 0.3mm, Purity: 99.8+%, Inside Diameter: 10.0mm, Temper: As drawn, Condition: ARMCO[®] soft ingot iron, Length: 100 mm to 700 mm
- FE007680** Outside Diameter: **12.0mm**, Wall Thickness: 1.5mm, Purity: 99.5%, Inside Diameter: 9mm, Temper: Annealed, Length: 100 mm to 1000 mm

- FE007700** Outside Diameter: **15.0mm**, Wall Thickness: 1.5mm, Purity: 99.5%, Inside Diameter: 12mm, Temper: Annealed, Length: 100 mm to 1000 mm
- FE007730** Outside Diameter: **20.0mm**, Wall Thickness: 2mm, Purity: 99.5%, Inside Diameter: 16mm, Temper: Annealed, Length: 100 mm to 1000 mm
- FE007750** Outside Diameter: **25.0mm**, Wall Thickness: 2mm, Purity: 99.5%, Inside Diameter: 21mm, Temper: Annealed, Length: 100 mm to 1000 mm



Powder

- FE006045** Mean Particle size: **1-6micron**, Purity: 98%, Condition: Spherical powder
- FE006041** Mean Particle size: **6-8micron**, Purity: 99.0+%
- FE006020** Max. Particle size: **60micron**, Purity: 99.0+%
- FE006010** Max. Particle size: **450micron**, Purity: 99.0+%
- FE006030** Max. Particle size: **800micron**, High Purity: 99.99+%, Condition: Sponge



Lump

- FE006100** Max. Lump size: **10mm**, Purity: 99.95%, Condition: Pellets
- FE006101** Max. Lump size: **10mm**, High Purity: 99.99+%, Condition: Pellets



Single Crystal

- FE002110** Oriented: **(100)**, Diameter: 10mm, Purity: 99.98%, Length: 2mm
- FE002111** Oriented: **(110)**, Diameter: 10mm, Purity: 99.98%, Length: 2mm
- FE002010** Oriented: **Random**, Diameter: 5mm, Purity: 99.98%, Length: 8mm
- FE002011** Oriented: **Random**, Diameter: 9mm, Purity: 99.98%, Length: 10mm
- FE002012** Oriented: **Random**, Diameter: 9mm, Purity: 99.98%, Length: 25mm
- FE002013** Oriented: **Random**, Diameter: 9mm, Purity: 99.98%, Length: 50mm

Lanthanum (La)



Foil

- LA000200** Thickness: **0.025mm**, Purity: 99.9%, Temper: As rolled
- LA000210** Thickness: **0.1mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- LA000215** Thickness: **0.125mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- LA000240** Thickness: **0.5mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 50x50 mm



Sputtering Target

- LA009100** Thickness: **1.0mm**, Purity: 99.9%, Size: 50 mm to 75 mm



Rod

- LA007910** Diameter: **6.35mm**, Purity: 99.9%, Condition: Cast, Length: 50 mm to 100 mm



Powder

- LA006010** Max. Particle size: **250micron**, Purity: 99.9%



Lump

- LA006100** Max. Lump size: **25mm**, Purity: 99.9%

Metals

Lead (Pb)



Microfoil

- PB004010** Thickness: **0.001µm**, Specific density: 1.1 µg.cm⁻², Purity: 99.99+%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm
- PB004200** Thickness: **0.025µm**, Specific density: 30.9 µg.cm⁻², Purity: 99.99+%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm
- PB004500** Thickness: **0.1µm**, Specific density: 103.4 µg.cm⁻², Purity: 99.99+%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm
- PB004600** Thickness: **0.25µm**, Specific density: 266.7 µg.cm⁻², Purity: 99.99+%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm
- PB004850** Thickness: **1.0µm**, Specific density: 1047.8 µg.cm⁻², Purity: 99.99+%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm



Foil

- PB000020** Thickness: **0.001mm**, Purity: 99.99+%, Support: Temporary Acrylic
- PB000030** Thickness: **0.002mm**, Purity: 99.99+%, Support: Temporary Acrylic
- PB000040** Thickness: **0.0025mm**, Purity: 99.99+%, Support: Temporary Acrylic
- PB000050** Thickness: **0.003mm**, Purity: 99.99+%
- PB000060** Thickness: **0.004mm**, Purity: 99.99+%
- PB000070** Thickness: **0.005mm**, Purity: 99.99+%
- PB000080** Thickness: **0.006mm**, Purity: 99.99+%, Diameter: 4 mm to 15 mm
- PB000090** Thickness: **0.007mm**, Purity: 99.99+%, Diameter: 4 mm to 15 mm
- PB000100** Thickness: **0.008mm**, Purity: 99.99+%, Diameter: 4 mm to 15 mm
- PB000110** Thickness: **0.009mm**, Purity: 99.99+%, Diameter: 4 mm to 15 mm
- PB000120** Thickness: **0.01mm**, Purity: 99.99+%, Diameter: 4 mm to 15 mm
- PB000130** Thickness: **0.0125mm**, Purity: 99.99+%, Diameter: 4 mm to 15 mm
- PB000140** Thickness: **0.015mm**, Purity: 99.99+%, Diameter: 4 mm to 15 mm
- PB000150** Thickness: **0.02mm**, Purity: 99.99+%, Diameter: 4 mm to 25 mm
- PB000220** Thickness: **0.025mm**, Purity: 97%, Temper: As rolled, Composition: Pb 97%, Sn 1.5%, Sb 1.5%
- PB000160** Thickness: **0.025mm**, Purity: 99.99+%, Diameter: 4 mm to 25 mm
- PB000170** Thickness: **0.03mm**, Purity: 99.99+%, Diameter: 4 mm to 25 mm
- PB000180** Thickness: **0.04mm**, Purity: 99.99+%, Diameter: 4 mm to 25 mm
- PB000260** Thickness: **0.05mm**, Purity: 96%, Temper: As rolled, Composition: Pb 96%, Sn 1.5%, Sb 2.5%, Coil width 150 mm, Size: 25x25 mm to 150x150 mm
- PB000261** Thickness: **0.05mm**, Purity: 97%, Temper: As rolled, Composition: Pb 97%, Sn 1.5%, Sb 1.5%, Coil width 300 mm Length : 0.5 m to 5 m

- PB000240** Thickness: **0.05mm**, High Purity: 99.99+%, Temper: As rolled, Size: 24x25 mm
- PB000190** Thickness: **0.05mm**, Purity: 99.99+%, Diameter: 4 mm to 25 mm
- PB000280** Thickness: **0.1mm**, Purity: 99.95%, Temper: As rolled, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- PB000312** Thickness: **0.12mm**, Purity: 99.95%, Temper: As rolled, Coil width 25.4 mm Length : 1 m to 20 m
- PB000311** Thickness: **0.125mm**, Purity: 99.95%, Temper: As rolled, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- PB000330** Thickness: **0.125mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 80x100 mm
- PB000350** Thickness: **0.15mm**, Purity: 99.95%, Temper: As rolled, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- PB000381** Thickness: **0.25mm**, Purity: 99.95%, Temper: As rolled, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- PB000382** Thickness: **0.25mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 80x100 mm
- PB000401** Thickness: **0.5mm**, Purity: 99.95%, Temper: As rolled, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- PB000400** Thickness: **0.5mm**, Purity: 99.95%, Temper: As rolled, Size: 500x500 mm to 1000x1000 mm
- PB000402** Thickness: **0.5mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- PB000403** Thickness: **0.55mm**, High Purity: 99.999%, Temper: As rolled, Size: 25x25 mm to 150x150 mm
- PB000411** Thickness: **1.0mm**, Purity: 99.95%, Temper: As rolled, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- PB000410** Thickness: **1.0mm**, Purity: 99.95%, Temper: As rolled, Size: 500x500 mm to 1000x1000 mm
- PB000412** Thickness: **1.0mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- PB000420** Thickness: **1.5mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- PB000450** Thickness: **2.0mm**, Purity: 99.95%, Temper: As rolled, Size: 25x25 mm to 300x300 mm
- PB000471** Thickness: **2.7mm**, Purity: 99.95%, Temper: As rolled, Size: 50x50 mm to 150x150 mm
- PB000470** Thickness: **3.0mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- PB000480** Thickness: **6.0mm**, High Purity: 99.99+%, Temper: As rolled, Size: 50x50 mm to 100x100 mm



Sputtering Target

- PB009300** Thickness: **3.0mm**, High Purity: 99.99+%, Size: 50 mm to 75 mm
- PB009600** Thickness: **6.0mm**, High Purity: 99.99+%, Size: 50 mm to 75 mm



Wire

- PB005106** Diameter: **0.125mm**, Purity: 99.5%, Temper: As drawn

Metals

PB005111 Diameter: **0.25mm**, Purity: 99.95%, Temper: As drawn

PB005110 Diameter: **0.25mm**, High Purity: 99.99 + %, Temper: As drawn

PB005120 Diameter: **0.5mm**, High Purity: 99.99 + %, Temper: As drawn

PB005125 Diameter: **0.5mm**, High Purity: 99.999%, Temper: As drawn

PB005130 Diameter: **1.0mm**, High Purity: 99.99 + %, Temper: As drawn

PB005140 Diameter: **2.0mm**, High Purity: 99.99 + %, Temper: As drawn

PB005150 Diameter: **3.0mm**, High Purity: 99.99 + %, Temper: As drawn

Rod

PB007910 Diameter: **3.2mm**, Purity: 99.95%, Length: 500 mm to 1000 mm

PB007920 Diameter: **6.35mm**, Purity: 99.95%, Length: 100 mm to 1000 mm

PB007940 Diameter: **12.7mm**, Purity: 99.95%, Length: 100 mm to 1000 mm

PB007950 Diameter: **19.0mm**, Purity: 99.95%, Length: 100 mm to 1000 mm

Bar

PB008010 Side Length: **20mm**, Side Length (of longer side): 40mm, High Purity: 99.999 + %, Length: 175 mm

Tube

PB007200 Outside Diameter: **6.78mm**, Wall Thickness: 1.04mm, Purity: 99.9%, Inside Diameter: 4.7mm, Length: 100 mm to 1000 mm

Powder

PB006025 Max. Particle size: **150micron**, Purity: 99.5%

Lump

PB006100 Max. Lump size: **5mm**, High Purity: 99.999%, Condition: Shot

PB006120 Max. Lump size: **10mm**, High Purity: 99.99 + %, Condition: Pellets

Single Crystal

PB002110 Oriented: **(100)**, Diameter: 10mm, Purity: 99.99%, Length: 2mm

PB002119 Oriented: **(110)**, Diameter: 12mm, Purity: 99.99%, Length: 10mm

PB002120 Oriented: **(110)**, Diameter: 12mm, Purity: 99.99%, Length: 50mm

Lithium (Li)

Foil

LI000200 Thickness: **0.05mm**, Purity: 99.9%, Temper: As rolled

LI000220 Thickness: **0.20mm**, Purity: 99.9%, Temper: As rolled

LI000300 Thickness: **0.38mm**, Purity: 99.9%, Temper: As rolled, Size: 25x100 mm

Rod

LI007915 Diameter: **12.7mm**, Purity: 99.0%, Length: 200 mm

Lutetium (Lu)

Foil

LU000200 Thickness: **0.025mm**, Purity: 99.9%, Temper: As rolled

LU000210 Thickness: **0.1mm**, Purity: 99.9%, Temper: As rolled, Tolerance: 20%, Size: 25x25 mm to 50x50 mm

LU000250 Thickness: **1.0mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm

Powder

LU006010 Max. Particle size: **500micron**, Purity: 99.9%

Lump

LU006100 Max. Lump size: **25mm**, Purity: 99.9%

Magnesium (Mg)

Microfoil

MG004850 Thinness: **1.0µm**, Specific density: 174 µg.cm⁻², Purity: 99.9%, Permanent support: 6 micron Aluminium, Size: 25x25 mm to 50x50 mm

Microleaf

MG004990 Thinness: **1.0µm**, Specific density: 174 µg.cm⁻², Purity: 99.9%, Support: Removable, Size: 25x25 mm to 50x50 mm

Foil

MG000090 Thickness: **0.002mm**, Purity: 99.9%, Diameter: 4 mm to 15 mm

MG000100 Thickness: **0.003mm**, Purity: 99.9%, Diameter: 4 mm to 15 mm

MG000120 Thickness: **0.005mm**, Purity: 99.9%, Diameter: 4 mm to 15 mm

MG000160 Thickness: **0.01mm**, Purity: 99.9%, Diameter: 4 mm to 25 mm

MG000170 Thickness: **0.0125mm**, Purity: 99.9%, Diameter: 4 mm to 25 mm

MG000180 Thickness: **0.015mm**, Purity: 99.9%, Diameter: 4 mm to 25 mm

MG000190 Thickness: **0.02mm**, Purity: 99.9%, Diameter: 4 mm to 25 mm

MG000240 Thickness: **0.025mm**, Purity: 99.9%, Temper: As rolled, Diameter: 4 mm to 25 mm

MG000250 Thickness: **0.05mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 100x100 mm

MG000260 Thickness: **0.075mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 100x100 mm

MG000270 Thickness: **0.1mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 100x100 mm

MG000280 Thickness: **0.125mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 100x100 mm

MG000290 Thickness: **0.15mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 100x100 mm

MG000300 Thickness: **0.25mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 150x150 mm

MG000320 Thickness: **0.5mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 150x150 mm

MG000340 Thickness: **1.0mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 150x150 mm

MG000345 Thickness: **1.5mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 200x200 mm

Metals

MG000350 Thickness: **2.0mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 200x200 mm

MG000370 Thickness: **3.0mm**, Purity: 99.9%, Temper: As rolled, Size: 50x50 mm to 200x200 mm

MG000400 Thickness: **6.0mm**, Purity: 99.9%, Temper: As rolled, Size: 50x50 mm to 200x200 mm



Sputtering Target

MG009300 Thickness: **3.0mm**, Purity: 99.9%, Size: 25.4 mm to 75 mm

MG009600 Thickness: **6.0mm**, Purity: 99.9%, Size: 50 mm to 75 mm

MG009807 Thickness: **12.0mm**, Purity: 99.9%, Size: 75 mm



Wire

MG005105 Diameter: **0.125mm**, Purity: 99.9+%, Temper: As drawn

MG005115 Diameter: **0.25mm**, Purity: 99.9+%, Temper: As drawn

MG005120 Diameter: **0.4mm**, Purity: 99.9+%, Temper: As drawn

MG005125 Diameter: **0.5mm**, Purity: 99.9+%, Temper: As drawn

MG005135 Diameter: **1.0mm**, Purity: 99.9+%, Temper: As drawn

MG005140 Diameter: **1.1mm**, Purity: 99.9+%, Temper: As drawn



Rod

MG007910 Diameter: **1.6mm**, Purity: 99.9%, Temper: As drawn, Length: 100 mm to 1000 mm

MG007915 Diameter: **3.2mm**, Purity: 99.9%, Temper: As drawn, Length: 100 mm to 1000 mm

MG007918 Diameter: **4.8mm**, Purity: 99.9%, Temper: As drawn, Length: 100 mm to 1000 mm

MG007920 Diameter: **7.9mm**, Purity: 99.9%, Temper: As drawn, Length: 100 mm to 1000 mm

MG007924 Diameter: **12.7mm**, Purity: 99.9%, Temper: As drawn, Length: 100 mm to 1000 mm

MG007930 Diameter: **25.4mm**, Purity: 99.9%, Temper: As drawn, Length: 100 mm to 1000 mm



Powder

MG006021 Max. Particle size: **50micron**, Purity: 99.8%

MG006011 Max. Particle size: **250micron**, Purity: 99.8+%, Condition: Ground



Single Crystal

MG002110 Oriented: **(0001)**, Diameter: 10mm, Purity: 99.999%, Length: 2mm

Manganese (Mn)



Microfoil

MN004500 Thickness: **0.1µm**, Specific density: 70 µg.cm⁻², Purity: 99.98%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm

MN004850 Thickness: **1.0µm**, Specific density: 695 µg.cm⁻², Purity: 99.98%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm



Foil

MN000050 Thickness: **0.001mm**, Purity: 98.7%, Support: Permanent Polyester

MN000060 Thickness: **0.002mm**, Purity: 98.7%, Support: Permanent Polyester

MN000070 Thickness: **0.0025mm**, Purity: 98.7%, Support: Permanent Polyester

MN000080 Thickness: **0.003mm**, Purity: 98.7%, Support: Permanent Polyester

MN000090 Thickness: **0.004mm**, Purity: 98.7%, Support: Permanent Polyester

MN000100 Thickness: **0.005mm**, Purity: 98.7%, Support: Permanent Polyester

MN000110 Thickness: **0.006mm**, Purity: 98.7%, Support: Permanent Polyester

MN000120 Thickness: **0.007mm**, Purity: 98.7%, Support: Permanent Polyester

MN000130 Thickness: **0.008mm**, Purity: 98.7%, Support: Permanent Polyester

MN000140 Thickness: **0.009mm**, Purity: 98.7%, Support: Permanent Polyester

MN000150 Thickness: **0.01mm**, Purity: 98.7%, Support: Permanent Polyester

MN000160 Thickness: **0.0125mm**, Purity: 98.7%, Support: Permanent Polyester

MN000170 Thickness: **0.015mm**, Purity: 98.7%, Support: Permanent Polyester

MN000180 Thickness: **0.02mm**, Purity: 98.7%, Support: Permanent Polyester

MN000190 Thickness: **0.025mm**, Purity: 98.7%, Support: Permanent Polyester

MN000200 Thickness: **0.05mm**, Purity: 98.7%, Support: Permanent Polyester



Sputtering Target

MN009300 Thickness: **3.0mm**, Purity: 99.95%, Condition: Hot-pressed, Size: 20 mm to 75 mm

MN009600 Thickness: **6.0mm**, Purity: 99.95%, Condition: Hot-pressed, Size: 25 mm to 50 mm



Rod

MN007905 Diameter: **2.0mm**, Purity: 99.5%, Condition: Cast, Length: 36 mm

MN007910 Diameter: **4.0mm**, Purity: 99.5%, Condition: Cast, Length: 10 mm to 50 mm

MN007920 Diameter: **6.35mm**, Purity: 99.5%, Condition: Cast, Length: 50 mm



Powder

MN006020 Max. Particle size: **45micron**, Purity: 99.5%

MN006010 Max. Particle size: **150micron**, Purity: 97.5+%

MN006011 Max. Particle size: **150micron**, Purity: 99.5%

MN006012 Max. Particle size: **300micron**, Purity: 99.5%



Flake

MN006201 Max. Flake size: **25mm**, Purity: 99.95%

MN006200 Max. Flake size: **25mm**, Purity: 99.98+%

Mercury (Hg)



Liquid

HG006700 Purity: **99.999+%**

HG006710 High Purity: **99.9999%**

Metals

Molybdenum (Mo)



Microfoil

- MO004500** Thickness: **0.1µm**, Specific density: 92.4 µg.cm⁻², Purity: 99.9%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm
- MO004850** Thickness: **1.0µm**, Specific density: 1022 µg.cm⁻², Purity: 99.9%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 50 mm



Foil

- MO000080** Thickness: **0.001mm**, Purity: 99.9%
- MO000090** Thickness: **0.002mm**, Purity: 99.9%
- MO000100** Thickness: **0.0025mm**, Purity: 99.9%
- MO000110** Thickness: **0.003mm**, Purity: 99.9%
- MO000120** Thickness: **0.004mm**, Purity: 99.9%
- MO000130** Thickness: **0.005mm**, Purity: 99.9%, Diameter: 4 mm to 15 mm
- MO000140** Thickness: **0.006mm**, Purity: 99.9%, Diameter: 4 mm to 15 mm
- MO000150** Thickness: **0.007mm**, Purity: 99.9%, Diameter: 4 mm to 15 mm
- MO000203** Thickness: **0.008mm**, Purity: 99.9%, Diameter: 4 mm to 50 mm
- MO000170** Thickness: **0.009mm**, Purity: 99.9%, Diameter: 4 mm to 15 mm
- MO000200** Thickness: **0.01mm**, Purity: 99.9%, Temper: Annealed, Coil width 250 mm Length : 0.5 m to 1 m
- MO000205** Thickness: **0.0125mm**, Purity: 99.9%, Coil width 267 mm Length : 0.5 m to 1 m
- MO000210** Thickness: **0.015mm**, Purity: 99.9%, Temper: Annealed, Coil width 200 mm, Size: 25x25 mm to 200x200 mm
- MO000215** Thickness: **0.020mm**, Purity: 99.9%, Temper: Annealed, Coil width 200 mm, Size: 25x25 mm to 200x200 mm
- MO000220** Thickness: **0.025mm**, Purity: 99.9%, Temper: Annealed, Coil width 229 mm, Size: 25x25 mm to 300x300 mm
- MO000240** Thickness: **0.03mm**, Purity: 99.9%, Temper: Annealed, Size: 25x25 mm to 200x500 mm
- MO000230** Thickness: **0.04mm**, Purity: 99.9%, Temper: Annealed, Ribbon width 0.7 mm Length : 0.5 m to 20 m
- MO000250** Thickness: **0.05mm**, Purity: 99.9%, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- MO000270** Thickness: **0.0712mm**, Purity: 99.9%, Temper: Annealed, Size: 29x100 mm to 29x600 mm
- MO000280** Thickness: **0.075mm**, Purity: 99.9%, Temper: Annealed, Size: 25x25 mm to 300x300 mm
- MO000310** Thickness: **0.1mm**, Purity: 99.9%, Temper: Annealed, Coil width 250 mm, Size: 25x25 mm to 250x300 mm
- MO000330** Thickness: **0.125mm**, Purity: 99.9%, Temper: Annealed, Size: 25x25 mm to 250x250 mm
- MO000350** Thickness: **0.15mm**, Purity: 99.9%, Temper: Annealed, Size: 25x25 mm to 300x300 mm
- MO000370** Thickness: **0.25mm**, Purity: 99.9%, Temper: Annealed, Size: 25x25 mm to 300x300 mm
- MO000371** Thickness: **0.25mm**, Purity: 99.9%, Temper: Annealed, Size: 610x1000 mm

- MO000375** Thickness: **0.30mm**, Purity: 99.9%, Temper: Annealed, Size: 25x25 mm to 300x300 mm
- MO000382** Thickness: **0.4mm**, Purity: 99.9%, Polished on one side: Polish : 0.1µm Ra or better, Size: 50x50 mm
- MO000380** Thickness: **0.5mm**, Purity: 99.9%, Temper: Annealed, Size: 25x25 mm to 300x300 mm
- MO000381** Thickness: **0.5mm**, Purity: 99.9%, Temper: Annealed, Size: 600x1000 mm
- MO000385** Thickness: **0.75mm**, Purity: 99.9%, Temper: Annealed, Size: 25x25 mm to 100x100 mm
- MO000390** Thickness: **1.0mm**, Purity: 99.9%, Temper: Annealed, Size: 25x25 mm to 150x150 mm
- MO000391** Thickness: **1.0mm**, Purity: 99.9%, Temper: Annealed, Size: 600x1000 mm
- MO000410** Thickness: **1.5mm**, Purity: 99.9%, Temper: Annealed, Size: 50x50 mm to 100x100 mm
- MO000420** Thickness: **2.0mm**, Purity: 99.9%, Temper: Annealed, Size: 50x50 mm to 150x150 mm
- MO000421** Thickness: **2.0mm**, Purity: 99.9%, Temper: Annealed, Size: 300x300 mm
- MO000450** Thickness: **3.0mm**, Purity: 99.9%, Temper: Annealed, Size: 100x100 mm to 300x300 mm
- MO000480** Thickness: **6.0mm**, Purity: 99.9%, Temper: Annealed, Size: 150x150 mm to 430x610 mm
- MO000485** Thickness: **10mm**, Purity: 99.9%, Temper: Annealed, Size: 50x50 mm to 100x100 mm
- MO000490** Thickness: **12.7mm**, Purity: 99.9%, Temper: Annealed, Size: 75x150 mm to 75x300 mm



Sputtering Target

- MO009150** Thickness: **1.5mm**, Purity: 99.98%, Size: 50.8 mm to 76.2 mm
- MO009200** Thickness: **2.0mm**, Purity: 99.98%, Size: 50.8 mm to 76.2 mm
- MO009300** Thickness: **3.0mm**, Purity: 99.9%, Size: 50 mm to 75 mm
- MO009600** Thickness: **6.0mm**, Purity: 99.9%, Size: 50 mm to 75 mm



Mesh

- MO008720** Nominal Aperture: **0.44mm**, Wire diameter: 0.07mm, Wires/inch: 50, Open area: 67%, Type: Plain weave mesh, Size: 50x50 mm to 150x150 mm
- MO008710** Nominal Aperture: **0.8mm**, Wire diameter: 0.18mm, Wires/inch: 26, Open area: 67%, Type: Plain weave mesh, Size: 50x50 mm to 150x150 mm



Wire

- MO005105** Diameter: **0.01mm**, Purity: 99.8+%, Temper: Hard
- MO005110** Diameter: **0.013mm**, Purity: 99.8+%, Temper: Hard
- MO005215** Diameter: **0.015mm**, Purity: 99.95%, Condition: Gold plated wire
- MO005120** Diameter: **0.025mm**, Purity: 99.95%, Temper: Hard
- MO005220** Diameter: **0.025mm**, Purity: 99.95%, Condition: Gold plated wire
- MO005121** Diameter: **0.03mm**, Purity: 99.95%, Temper: Hard
- MO005122** Diameter: **0.035mm**, Purity: 99.95%, Temper: As drawn

Metals

- MO005125** Diameter: **0.05mm**, Purity: 99.95%, Temper: Annealed
- MO005225** Diameter: **0.05mm**, Purity: 99.95%, Condition: Gold plated wire
- MO005130** Diameter: **0.125mm**, Purity: 99.95%, Temper: Annealed
- MO005320** Diameter: **0.25mm**, Purity: 99.95%, Condition: Straight wire
- MO005140** Diameter: **0.25mm**, Purity: 99.95%, Temper: Annealed
- MO005340** Diameter: **0.5mm**, Purity: 99.95%, Condition: Straight wire
- MO005150** Diameter: **0.5mm**, Purity: 99.95%, Temper: Annealed
- MO005155** Diameter: **0.8mm**, Purity: 99.95%, Temper: Annealed
- MO005350** Diameter: **1.0mm**, Purity: 99.95%, Condition: Straight wire
- MO005160** Diameter: **1.0mm**, Purity: 99.95%, Temper: Annealed
- MO005165** Diameter: **1.25mm**, Purity: 99.95%, Temper: Annealed



Insulated Wire

- MO005825** Conductor diameter: **0.125mm**, Insulation thickness: 0.012mm, Purity: 99.95%, Insulation: Polyimide



Rod

- MO007908** Diameter: **1.25mm**, Purity: 99.9%, Condition: Centreless ground, Length: 100 mm to 1000 mm
- MO007902** Diameter: **1.5mm**, Purity: 99.9%, Condition: Centreless ground, Length: 100 mm to 1000 mm
- MO007903** Diameter: **2.0mm**, Purity: 99.9%, Condition: Centreless ground, Length: 100 mm to 1000 mm
- MO007901** Diameter: **3.0mm**, Purity: 99.9%, Condition: Centreless ground, Length: 100 mm to 1000 mm
- MO007904** Diameter: **4.0mm**, Purity: 99.9%, Condition: Centreless ground, Length: 100 mm to 1000 mm
- MO007905** Diameter: **5.0mm**, Purity: 99.9%, Condition: Centreless ground, Length: 100 mm to 1000 mm
- MO007906** Diameter: **5.0mm**, Purity: 99.98%, Length: 50 mm to 150 mm
- MO007900** Diameter: **6.0mm**, Purity: 99.9%, Condition: Centreless ground, Length: 100 mm to 1000 mm
- MO007910** Diameter: **8.0mm**, Purity: 99.9%, Condition: Centreless ground, Length: 100 mm to 1000 mm
- MO007920** Diameter: **10.0mm**, Purity: 99.9%, Condition: Centreless ground, Length: 100 mm to 1000 mm
- MO007922** Diameter: **12mm**, Purity: 99.9%, Condition: Centreless ground, Length: 100 mm to 1000 mm
- MO007926** Diameter: **15.0mm**, Purity: 99.9%, Condition: Centreless ground, Length: 100 mm to 500 mm
- MO007931** Diameter: **20.0mm**, Purity: 99.9%, Condition: Centreless ground, Length: 50 mm to 200 mm
- MO007945** Diameter: **25mm**, Purity: 99.9%, Condition: Centreless ground, Length: 50 mm to 200 mm

- MO007950** Diameter: **30mm**, Purity: 99.9%, Condition: Centreless ground, Length: 50 mm to 200 mm
- MO007960** Diameter: **50mm**, Purity: 99.9%, Condition: Centreless ground, Length: 25 mm to 100 mm
- MO007975** Diameter: **75mm**, Purity: 99.9%, Condition: Centreless ground, Length: 100 mm
- MO007995** Diameter: **100mm**, Purity: 99.9%, Condition: Centreless ground, Length: 100 mm



Tube

- MO007050** Outside Diameter: **0.51mm**, Wall Thickness: 0.085mm, Purity: 99.9%, Inside Diameter: 0.34mm, Length: 100 mm to 300 mm
- MO007062** Outside Diameter: **1.0mm**, Wall Thickness: 0.175mm, Purity: 99.9%, Inside Diameter: 0.65mm, Length: 100 mm to 1000 mm
- MO007063** Outside Diameter: **1.0mm**, Wall Thickness: 0.15mm, Purity: 99.9%, Inside Diameter: 0.7mm, Length: 100 mm to 1000 mm
- MO007300** Outside Diameter: **2.0mm**, Wall Thickness: 0.3mm, Purity: 99.9%, Inside Diameter: 1.4mm, Length: 100 mm to 1000 mm
- MO007350** Outside Diameter: **3.15mm**, Wall Thickness: 0.38mm, Purity: 99.9%, Inside Diameter: 2.39mm, Length: 100 mm to 1000 mm
- MO007375** Outside Diameter: **5.0mm**, Wall Thickness: 0.5mm, Purity: 99.9%, Inside Diameter: 4mm, Length: 100 mm to 500 mm
- MO007401** Outside Diameter: **6.0mm**, Wall Thickness: 0.20mm, Purity: 99.9%, Inside Diameter: 5.6mm, Length: 100 mm to 1000 mm
- MO007412** Outside Diameter: **6.4mm**, Wall Thickness: 0.9mm, Purity: 99.9%, Inside Diameter: 4.6mm, Length: 50 mm to 500 mm



Powder

- MO006020** Mean Particle size: **2micron**, Purity: 99.9+%
- MO006011** Max. Particle size: **355micron**, Min. Particle size: 55micron, Purity: 99.9+%



Lump

- MO006100** Max. Lump size: **10mm**, Purity: 99.9%, Condition: Pellets



Single Crystal

- MO002110** Oriented: **(100)**, Diameter: 10mm, Purity: 99.999%, Length: 2mm
- MO002059** Oriented: **(110)**, Diameter: 6mm, Purity: 99.999%, Length: 10mm
- MO002060** Oriented: **(110)**, Diameter: 6mm, Purity: 99.999%, Length: 25mm
- MO002061** Oriented: **(110)**, Diameter: 6mm, Purity: 99.999%, Length: 50mm
- MO002119** Oriented: **(110)**, Diameter: 12mm, Purity: 99.999%, Length: 10mm
- MO002120** Oriented: **(110)**, Diameter: 12mm, Purity: 99.999%, Length: 25mm
- MO002121** Oriented: **(110)**, Diameter: 12mm, Purity: 99.999%, Length: 50mm
- MO002122** Oriented: **(110)**, Diameter: 12mm, Purity: 99.999%, Length: 100mm

Neodymium (Nd)



Foil

- ND000205** Thickness: **0.005mm**, Purity: 99.9%, Temper: As rolled

Metals

ND000200 Thickness: **0.025mm**, Purity: 99.9%, Temper: As rolled

ND000210 Thickness: **0.1mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 100x100 mm



Sputtering Target

ND009100 Thickness: **1.0mm**, Purity: 99.9%, Size: 50 mm to 75 mm



Wire

ND005110 Diameter: **1.0mm**, Purity: 99.9%, Temper: Hard



Rod

ND007910 Diameter: **6.35mm**, Purity: 99.9%, Condition: Cast, Length: 50 mm to 100 mm

ND007940 Diameter: **12.5mm**, Purity: 99.9%, Condition: Cast, Length: 50 mm to 100 mm



Powder

ND006010 Max. Particle size: **250micron**, Purity: 99.9%



Lump

ND006100 Max. Lump size: **25mm**, Purity: 99.9%, Packing Note: Packed in Oil

Nickel (Ni)



Microfoil

NI004500 Thinness: **0.1µm**, Specific density: 93.4 µg.cm⁻², Purity: 99.99 + %, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm

NI004600 Thinness: **0.25µm**, Specific density: 222.6 µg.cm⁻², Purity: 99.99 + %, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm

NI004700 Thinness: **0.5µm**, Specific density: 438.8 µg.cm⁻², Purity: 99.99 + %, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm

NI004850 Thinness: **1.0µm**, Specific density: 895.8 µg.cm⁻², Purity: 99.99 + %, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm



Foil

NI000080 Thickness: **0.00025mm**, Purity: 99.95%, Support: Temporary Acrylic

NI000090 Thickness: **0.0005mm**, Purity: 99.95%, Support: Temporary Acrylic

NI000100 Thickness: **0.00075mm**, Purity: 99.95%, Support: Temporary Acrylic

NI000110 Thickness: **0.001mm**, Purity: 99.95%

NI000120 Thickness: **0.002mm**, Purity: 99.95%

NI000210 Thickness: **0.0025mm**, Purity: 99.95%, Coil width 148 mm Length : 0.5 m to 5 m

NI000215 Thickness: **0.003mm**, Purity: 99.95%, Coil width 148 mm Length : 0.5 m to 5 m

NI000221 Thickness: **0.004mm**, Purity: 99.0%, Temper: Hard, Coil width 108 mm Length : 0.2 m to 1 m

NI000220 Thickness: **0.004mm**, Purity: 99.95%, Coil width 148 mm Length : 0.5 m to 5 m

NI000222 Thickness: **0.004mm**, Purity: 99.98%, Temper: Hard, Coil width 108 mm Length : 0.2 m to 1 m

NI000224 Thickness: **0.005mm**, Purity: 99.9%, Temper: As rolled, Coil width 98 mm Length : 0.2 m to 1 m

NI000255 Thickness: **0.006mm**, Purity: 99.95%

NI000230 Thickness: **0.006mm**, Purity: 99.95%

NI000170 Thickness: **0.007mm**, Purity: 99.95%, Diameter: 4 mm to 25 mm

NI000235 Thickness: **0.0075mm**, Purity: 99.95%, Coil width 148 mm Length : 0.5 m to 5 m

NI000261 Thickness: **0.0075mm**, Purity: 99.95%, Coil width 300 mm Length : 0.5 m to 2 m

NI000180 Thickness: **0.008mm**, Purity: 99.95%, Diameter: 4 mm to 25 mm

NI000190 Thickness: **0.009mm**, Purity: 99.95%, Diameter: 4 mm to 25 mm

NI000270 Thickness: **0.01mm**, Purity: 99.95%, Coil width 150 mm Length : 0.5 m to 10 m

NI000301 Thickness: **0.0125mm**, Purity: 99.0%, Temper: Annealed, Coil width 300 mm Length : 0.5 m to 5 m

NI000300 Thickness: **0.0125mm**, Purity: 99.9%, Coil width 500 mm Length : 0.5 m to 5 m

NI000313 Thickness: **0.0125mm**, High Purity: 99.99 + %, Diameter: 4 mm to 50 mm

NI000317 Thickness: **0.015mm**, Purity: 99.9%, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

NI000320 Thickness: **0.02mm**, Purity: 99.9%, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

NI000345 Thickness: **0.025mm**, Purity: 99.0%, Temper: Annealed, Size: 25x25 mm to 300x300 mm

NI000346 Thickness: **0.025mm**, Purity: 99.0%, Temper: As rolled, Coil width 600 mm Length : 0.5 m to 2 m

NI000340 Thickness: **0.025mm**, Purity: 99.9%, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

NI000330 Thickness: **0.025mm**, High Purity: 99.99 + %, Temper: As rolled, Size: 25x25 mm to 100x100 mm

NI000360 Thickness: **0.025mm**, High Purity: 99.999%, Temper: As rolled, Size: 25x25 mm to 100x100 mm

NI000370 Thickness: **0.03mm**, Purity: 99.9%, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

NI000380 Thickness: **0.038mm**, Purity: 99.9%, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

NI000452 Thickness: **0.05mm**, Purity: 99.0%, Temper: Annealed, Coil width 2 mm Length : 1 m to 20 m

NI000450 Thickness: **0.05mm**, Purity: 99.0%, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

NI000400 Thickness: **0.05mm**, Purity: 99.9%, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

NI000391 Thickness: **0.05mm**, Purity: 99.98%, Temper: Annealed, Coil width 150 mm, Size: 25x25 mm to 150x150 mm

NI000455 Thickness: **0.05mm**, High Purity: 99.99 + %, Temper: As rolled, Size: 25x25 mm to 100x100 mm

NI000460 Thickness: **0.05mm**, High Purity: 99.999%, Temper: As rolled, Size: 25x25 mm to 100x100 mm

NI000470 Thickness: **0.075mm**, Purity: 99.0%, Temper: Annealed, Coil width 200 mm, Size: 25x25 mm to 150x150 mm

NI000480 Thickness: **0.1mm**, Purity: 99.0%, Temper: Annealed, Coil width 200 mm, Size: 25x25 mm to 200x200 mm

Metals

NI000502	Thickness: 0.125mm , Purity: 99.0%, Temper: As rolled, Coil width 2 mm Length : 1 m to 20 m
NI000500	Thickness: 0.125mm , Purity: 99.0%, Temper: Annealed, Coil width 150 mm, Size: 25x25 mm to 300x300 mm
NI000531	Thickness: 0.125mm , Purity: 99.98%, Temper: Annealed, Coil width 150 mm, Size: 25x25 mm to 150x150 mm
NI000520	Thickness: 0.125mm , High Purity: 99.99+%, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 150x150 mm
NI000525	Thickness: 0.125mm , High Purity: 99.999%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
NI000541	Thickness: 0.15mm , Purity: 99.0%, Temper: Annealed, Coil width 12 mm Length : 0.5 m to 10 m
NI000540	Thickness: 0.15mm , Purity: 99.0%, Temper: Annealed, Coil width 200 mm, Size: 25x25 mm to 200x300 mm
NI000552	Thickness: 0.20mm , Purity: 99.0%, Temper: Annealed, Coil width 1 mm Length : 1 m to 10 m
NI000550	Thickness: 0.20mm , Purity: 99.0%, Temper: Annealed, Coil width 200 mm, Size: 25x25 mm to 150x150 mm
NI000570	Thickness: 0.25mm , Purity: 99.0%, Temper: Annealed, Coil width 200 mm, Size: 25x25 mm to 200x300 mm
NI000581	Thickness: 0.25mm , Purity: 99.98%, Temper: Annealed, Coil width 150 mm, Size: 25x25 mm to 150x300 mm
NI000560	Thickness: 0.25mm , High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
NI000565	Thickness: 0.25mm , High Purity: 99.999%, Temper: As rolled, Size: 25x25 mm to 150x150 mm
NI000563	Thickness: 0.3mm , Purity: 99.0%, Temper: As rolled, Coil width 1 mm Length : 1 m to 10 m
NI000562	Thickness: 0.3mm , Purity: 99.0%, Temper: Annealed, Coil width 200 mm, Size: 25x25 mm to 150x150 mm
NI000569	Thickness: 0.30mm , Purity: 99.98%, Temper: As rolled, Coil width 200 mm, Size: 25x25 mm to 150x150 mm
NI000568	Thickness: 0.3mm , High Purity: 99.999%, Temper: As rolled, Size: 25x25 mm to 150x150 mm
NI000585	Thickness: 0.50mm , Purity: 99.0%, Temper: Annealed, Coil width 200 mm, Size: 25x25 mm to 150x150 mm
NI000590	Thickness: 0.5mm , Purity: 99.98%, Temper: Annealed, Coil width 150 mm, Size: 25x25 mm to 150x300 mm
NI000600	Thickness: 0.5mm , High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 150x150 mm
NI000605	Thickness: 0.5mm , High Purity: 99.999%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
NI000608	Thickness: 1.0mm , Purity: 99.0%, Temper: Annealed, Coil width 200 mm, Size: 25x25 mm to 150x150 mm
NI000610	Thickness: 1.0mm , Purity: 99.98%, Temper: Annealed, Coil width 150 mm, Size: 25x25 mm to 150x300 mm

NI000620	Thickness: 1.0mm , High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
NI000615	Thickness: 1.0mm , High Purity: 99.999%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
NI000621	Thickness: 1.6mm , Purity: 99.0%, Size: 50x50 mm to 300x300 mm
NI000623	Thickness: 2.0mm , Purity: 99.0%, Temper: Annealed, Size: 25x25 mm to 300x300 mm
NI000624	Thickness: 3.2mm , High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
NI000625	Thickness: 6.35mm , High Purity: 99.99+%, Temper: As rolled, Size: 100x100 mm to 200x200 mm



Sputtering Target

NI009300	Thickness: 3.2mm , High Purity: 99.99+%, Size: 50 mm to 75 mm
NI009600	Thickness: 6.35mm , High Purity: 99.99+%, Size: 50 mm to 75 mm



Foam

NI003852	Thickness: 1.6mm , Bulk density: 0.45g.cm ⁻³ , Purity: 95%, Pores/cm: 20, Porosity: 95%, Size: 49x150 mm to 300x300 mm
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Mesh

NI008705	Nominal Aperture: 0.04mm , Purity: 99.9%, Thickness: 0.004mm, Wire diameter: 0.011mm, Wires/inch: 500, Open area: 60%, Type: Electro-formed mesh, Size: 65x65 mm to 130x130 mm
NI008711	Nominal Aperture: 0.34mm , Purity: 99.9%, Thickness: 0.025mm, Wire diameter: 0.041mm, Wires/inch: 70, Open area: 80%, Type: Electro-formed mesh, Size: 65x65 mm to 260x260 mm
NI008720	Nominal Aperture: 0.43mm , Purity: 99.9%, Thickness: 0.004mm, Wire diameter: 0.067mm, Wires/inch: 51, Open area: 75%, Type: Electro-formed mesh, Size: 60x60 mm to 240x240 mm
NI008750	Nominal Aperture: 0.73mm , Purity: 99.0%, Wire diameter: 0.25mm, Wires/inch: 26x26, Open area: 55%, Type: Plain weave mesh, Size: 100x250 mm



Wire

NI005100	Diameter: 0.01mm , Purity: 99.98%, Temper: As drawn
NI005102	Diameter: 0.0125mm , Purity: 99.98%, Temper: Stress relieved
NI005105	Diameter: 0.025mm , Purity: 99.6+%, Temper: As drawn
NI005106	Diameter: 0.025mm , Purity: 99.98%, Temper: As drawn
NI005110	Diameter: 0.05mm , Purity: 99.0%, Temper: As drawn
NI005120	Diameter: 0.125mm , Purity: 99.0%, Temper: As drawn
NI005121	Diameter: 0.125mm , Purity: 99.98%, Temper: Hard
NI005132	Diameter: 0.125mm , Purity: 99.98%, Temper: Annealed
NI005125	Diameter: 0.15mm , Purity: 99.0%, Temper: As drawn

Metals

- NI005141** Diameter: **0.25mm**, Purity: 99.0%, Temper: Annealed
- NI005140** Diameter: **0.25mm**, Purity: 99.0%, Temper: As drawn
- NI005131** Diameter: **0.25mm**, Purity: 99.98%, Temper: Hard
- NI005130** Diameter: **0.25mm**, High Purity: 99.99+%, Temper: As drawn
- NI005145** Diameter: **0.4mm**, Purity: 99.0%, Temper: As drawn
- NI005151** Diameter: **0.5mm**, Purity: 99.0%, Temper: Annealed
- NI005150** Diameter: **0.5mm**, Purity: 99.0%, Temper: As drawn
- NI005156** Diameter: **0.5mm**, Purity: 99.98%, Temper: Hard
- NI005155** Diameter: **0.5mm**, High Purity: 99.99+%, Temper: As drawn
- NI005158** Diameter: **0.75mm**, Purity: 99.0%, Temper: As drawn
- NI005320** Diameter: **1.0mm**, Purity: 99.0%, Condition: Straight wire, Temper: Annealed
- NI005160** Diameter: **1.0mm**, Purity: 99.0%, Temper: As drawn
- NI005171** Diameter: **1.0mm**, Purity: 99.98%, Temper: Hard
- NI005170** Diameter: **1.0mm**, High Purity: 99.99+%, Temper: As drawn
- NI005181** Diameter: **2.0mm**, Purity: 99.98%, Temper: Hard



Insulated Wire

- NI005810** Conductor diameter: **0.025mm**, Insulation thickness: 0.0035mm, Insulation: Polyimide



Rod

- NI007915** Diameter: **1.5mm**, High Purity: 99.99+%, Length: 100 mm to 1000 mm
- NI007920** Diameter: **2.0mm**, High Purity: 99.99+%, Length: 100 mm to 1000 mm
- NI007933** Diameter: **3.3mm**, High Purity: 99.99+%, Length: 50 mm to 500 mm
- NI007950** Diameter: **5.0mm**, High Purity: 99.99+%, Length: 50 mm to 500 mm
- NI007955** Diameter: **6.35mm**, Purity: 99.0%, Length: 100 mm to 1000 mm
- NI007960** Diameter: **9.5mm**, Purity: 99.0%, Length: 100 mm to 1000 mm
- NI007965** Diameter: **12.0mm**, Purity: 99.0%, Length: 100 mm to 1000 mm
- NI007980** Diameter: **12.7mm**, Purity: 99.98%, Length: 100 mm to 1000 mm
- NI007970** Diameter: **20.0mm**, Purity: 99.0%, Length: 100 mm to 1000 mm
- NI007985** Diameter: **25.4mm**, Purity: 99.98%, Length: 50 mm to 200 mm
- NI007986** Diameter: **25.4mm**, High Purity: 99.99+%, Length: 50 mm to 200 mm
- NI007990** Diameter: **40mm**, Purity: 99.0%, Length: 50 mm to 200 mm



Tube

- NI007105** Outside Diameter: **0.35mm**, Wall Thickness: 0.025mm, Purity: 99.5%, Inside Diameter: 0.3mm, Temper: Hard, Length: 100 mm to 1000 mm

- NI007100** Outside Diameter: **0.5mm**, Wall Thickness: 0.05mm, Purity: 99.5%, Inside Diameter: 0.4mm, Temper: Hard, Length: 100 mm to 1000 mm
- NI007120** Outside Diameter: **0.6mm**, Wall Thickness: 0.125mm, Purity: 99.5%, Inside Diameter: 0.35mm, Temper: Hard, Length: 100 mm to 1000 mm
- NI007130** Outside Diameter: **0.65mm**, Wall Thickness: 0.133mm, Purity: 99.5%, Inside Diameter: 0.384mm, Temper: As drawn, Length: 100 mm to 1000 mm
- NI007150** Outside Diameter: **0.75mm**, Wall Thickness: 0.08mm, Purity: 99.5%, Inside Diameter: 0.59mm, Temper: Hard, Length: 100 mm to 1000 mm
- NI007151** Outside Diameter: **0.762mm**, Wall Thickness: 0.279mm, Purity: 99.5%, Inside Diameter: 0.204mm, Temper: Hard, Length: 100 mm to 1000 mm
- NI007140** Outside Diameter: **0.78mm**, Wall Thickness: 0.29mm, Purity: 99.5%, Inside Diameter: 0.2mm, Temper: As drawn, Length: 100 mm to 1000 mm
- NI007170** Outside Diameter: **0.8mm**, Wall Thickness: 0.25mm, Purity: 99.5%, Inside Diameter: 0.3mm, Temper: As drawn, Length: 100 mm to 1000 mm
- NI007171** Outside Diameter: **0.8mm**, Wall Thickness: 0.15mm, Purity: 99.5%, Inside Diameter: 0.5mm, Temper: Hard, Length: 5 mm
- NI007160** Outside Diameter: **0.8mm**, Wall Thickness: 0.15mm, Purity: 99.5%, Inside Diameter: 0.5mm, Temper: As drawn, Length: 100 mm to 1000 mm
- NI007205** Outside Diameter: **1.0mm**, Wall Thickness: 0.4mm, Purity: 99.5%, Inside Diameter: 0.2mm, Temper: Hard, Length: 100 mm to 1000 mm
- NI007200** Outside Diameter: **1.0mm**, Wall Thickness: 0.1mm, Purity: 99.5%, Inside Diameter: 0.8mm, Temper: Hard, Length: 100 mm to 1000 mm
- NI007201** Outside Diameter: **1.0mm**, Wall Thickness: 0.1mm, Purity: 99.5%, Inside Diameter: 0.8mm, Temper: Hard, Length: 5 mm
- NI007210** Outside Diameter: **1.2mm**, Wall Thickness: 0.1mm, Purity: 99.5%, Inside Diameter: 1mm, Temper: Hard, Length: 7 mm
- NI007220** Outside Diameter: **1.3mm**, Wall Thickness: 0.1mm, Purity: 99.5%, Inside Diameter: 1.1mm, Temper: Hard, Length: 100 mm to 1000 mm
- NI007230** Outside Diameter: **1.4mm**, Wall Thickness: 0.15mm, Purity: 99.5%, Inside Diameter: 1.1mm, Temper: Hard, Length: 100 mm
- NI007250** Outside Diameter: **1.5mm**, Wall Thickness: 0.15mm, Purity: 99.5%, Inside Diameter: 1.2mm, Temper: Hard, Length: 100 mm to 1000 mm
- NI007251** Outside Diameter: **1.5mm**, Wall Thickness: 0.1mm, Purity: 99.5%, Inside Diameter: 1.3mm, Temper: Hard, Length: 3 mm
- NI007260** Outside Diameter: **1.57mm**, Wall Thickness: 0.47mm, Purity: 99.5%, Inside Diameter: 0.63mm, Temper: Hard, Length: 100 mm to 1000 mm
- NI007280** Outside Diameter: **1.8mm**, Wall Thickness: 0.1mm, Purity: 99.5%, Inside Diameter: 1.6mm, Temper: Hard, Length: 100 mm to 1000 mm
- NI007300** Outside Diameter: **2.0mm**, Wall Thickness: 0.2mm, Purity: 99.5%, Inside Diameter: 1.6mm, Temper: Hard, Length: 100 mm to 1000 mm

Metals

NI007290 Outside Diameter: **2.0mm**, Wall Thickness: 0.1mm, Purity: 99.5%, Inside Diameter: 1.8mm, Temper: Hard, Length: 100 mm to 1000 mm

NI007310 Outside Diameter: **2.4mm**, Wall Thickness: 0.076mm, Purity: 99.5%, Inside Diameter: 2.248mm, Temper: Hard, Length: 200 mm to 1000 mm

NI007350 Outside Diameter: **2.5mm**, Wall Thickness: 0.25mm, Purity: 99.5%, Inside Diameter: 2mm, Temper: Hard, Length: 100 mm to 1000 mm

NI007340 Outside Diameter: **2.5mm**, Wall Thickness: 0.125mm, Purity: 99.5%, Inside Diameter: 2.25mm, Temper: Hard, Length: 100 mm to 1000 mm

NI007370 Outside Diameter: **2.8mm**, Wall Thickness: 0.5mm, Purity: 99.5%, Inside Diameter: 1.8mm, Temper: Hard, Length: 100 mm to 1000 mm

NI007400 Outside Diameter: **3.0mm**, Wall Thickness: 0.3mm, Purity: 99.5%, Inside Diameter: 2.4mm, Temper: Hard, Length: 100 mm to 1000 mm

NI007450 Outside Diameter: **3.25mm**, Wall Thickness: 0.1mm, Purity: 99.5%, Inside Diameter: 3.05mm, Temper: Hard, Length: 100 mm to 190 mm

NI007500 Outside Diameter: **3.6mm**, Wall Thickness: 0.05mm, Purity: 99.5%, Inside Diameter: 3.5mm, Temper: Hard, Length: 100 mm to 1000 mm

NI007550 Outside Diameter: **4.5mm**, Wall Thickness: 0.673mm, Purity: 99.5%, Inside Diameter: 3.154mm, Temper: Hard, Length: 100 mm to 1000 mm

NI007600 Outside Diameter: **5.5mm**, Wall Thickness: 0.25mm, Purity: 99.5%, Inside Diameter: 5mm, Temper: Hard, Length: 100 mm to 1000 mm

NI007650 Outside Diameter: **5.9mm**, Wall Thickness: 0.125mm, Purity: 99.5%, Inside Diameter: 5.65mm, Temper: Hard, Length: 100 mm to 1000 mm

NI007655 Outside Diameter: **6.1mm**, Wall Thickness: 0.5mm, Purity: 99.5%, Inside Diameter: 5.1mm, Temper: Hard, Length: 100 mm to 1000 mm

NI007658 Outside Diameter: **6.5mm**, Wall Thickness: 0.5mm, Purity: 99.5%, Inside Diameter: 5.5mm, Temper: Hard, Length: 100 mm to 1000 mm

NI007670 Outside Diameter: **7.11mm**, Wall Thickness: 0.27mm, Purity: 99.5%, Inside Diameter: 6.57mm, Temper: Hard, Length: 100 mm to 1000 mm

NI007685 Outside Diameter: **7.8mm**, Wall Thickness: 0.7mm, Purity: 99.5%, Inside Diameter: 6.4mm, Temper: Hard, Length: 35 mm

NI007700 Outside Diameter: **8.4mm**, Wall Thickness: 0.125mm, Purity: 99.5%, Inside Diameter: 8.15mm, Temper: Hard, Length: 100 mm to 1000 mm



Powder

NI006021 Mean Particle size: **3-7micron (FSS)**, Purity: 99.8%, Condition: Carbonyl

NI006015 Max. Particle size: **45micron**, Purity: 99.5+ %

NI006035 Max. Particle size: **150micron**, High Purity: 99.99+ %

NI006010 Max. Particle size: **250micron**, Purity: 99.5+ %



Lump

NI006105 Max. Lump size: **5mm**, High Purity: 99.99+ %, Condition: Pellets

NI006100 Max. Lump size: **10mm**, High Purity: 99.99+ %, Condition: Pellets

NI006101 Max. Lump size: **10mm**, High Purity: 99.999%, Condition: Pellets

NI006107 Max. Lump size: **15mm**, High Purity: 99.99+ %, Condition: Pellets

NI006108 Max. Lump size: **20mm**, High Purity: 99.99+ %, Condition: Pellets

NI006120 Max. Lump size: **50mm**, Purity: 99.8%, Condition: Broken cathode squares



Sphere

NI006811 Diameter: **0.76mm**, Purity: 99.0%

NI006820 Diameter: **1.0mm**, Purity: 99.0%

NI006840 Diameter: **3.0mm**, Purity: 99.0%



Single Crystal

NI002129 Oriented: **(100)**, Diameter: 12mm, Purity: 99.999%, Length: 10mm

NI002130 Oriented: **(100)**, Diameter: 12mm, Purity: 99.999%, Length: 25mm

NI002131 Oriented: **(100)**, Diameter: 12mm, Purity: 99.999%, Length: 50mm

NI002150 Oriented: **(100)**, Diameter: 12mm, Purity: 99.999%, Length: 2mm

NI002115 Oriented: **(110)**, Diameter: 12mm, Purity: 99.999%, Length: 10mm

NI002120 Oriented: **(110)**, Diameter: 12mm, Purity: 99.999%, Length: 25mm

NI002138 Oriented: **(111)**, Diameter: 12mm, Purity: 99.999%, Length: 10mm

NI002140 Oriented: **(111)**, Diameter: 12mm, Purity: 99.999%, Length: 25mm

Nickel - Nanocrystalline (Ni)



Foil

NJ000200 Thickness: **0.01mm**, Grain size: 10-20nm nominal, Support: Permanent Copper, Size: 25x25 mm

NJ000201 Thickness: **0.01mm**, Grain size: 10-20nm nominal, Support: Permanent Copper, Size: 80x80 mm

NJ000250 Thickness: **0.02mm**, Grain size: 10-20nm nominal, Support: Permanent Copper, Size: 25x25 mm

NJ000251 Thickness: **0.02mm**, Grain size: 10-20nm nominal, Support: Permanent Copper, Size: 80x80 mm

NJ000300 Thickness: **0.05mm**, Grain size: 10-20nm nominal, Support: Permanent Copper, Size: 25x25 mm

NJ000301 Thickness: **0.05mm**, Grain size: 10-20nm nominal, Support: Permanent Copper, Size: 80x80 mm

NJ000350 Thickness: **0.1mm**, Grain size: 10-20nm nominal, Size: 26x27 mm

NJ000351 Thickness: **0.1mm**, Grain size: 10-20nm nominal, Size: 76x76 mm

NJ000400 Thickness: **0.2mm**, Grain size: 10-20nm nominal, Size: 25x25 mm

Metals

Niobium (Nb)



Microfoil

NB004200 Thickness: **0.025µm**, Specific density: 21 µg.cm⁻², Purity: 99.9%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm



Foil

- NB000100** Thickness: **0.001mm**, Purity: 99.9%
- NB000110** Thickness: **0.002mm**, Purity: 99.9%
- NB000120** Thickness: **0.0025mm**, Purity: 99.9%
- NB000130** Thickness: **0.003mm**, Purity: 99.9%, Diameter: 4 mm to 25 mm
- NB000140** Thickness: **0.004mm**, Purity: 99.9%, Diameter: 4 mm to 25 mm
- NB000210** Thickness: **0.005mm**, Purity: 99.9%, Size: 25x25 mm to 100x100 mm
- NB000150** Thickness: **0.006mm**, Purity: 99.9%, Diameter: 4 mm to 25 mm
- NB000160** Thickness: **0.007mm**, Purity: 99.9%, Diameter: 4 mm to 25 mm
- NB000230** Thickness: **0.0075mm**, Purity: 99.9%, Diameter: 4 mm to 50 mm
- NB000170** Thickness: **0.008mm**, Purity: 99.9%, Diameter: 4 mm to 25 mm
- NB000180** Thickness: **0.009mm**, Purity: 99.9%, Diameter: 4 mm to 25 mm
- NB000250** Thickness: **0.01mm**, Purity: 99.9%, Size: 25x25 mm to 214x300 mm
- NB000270** Thickness: **0.0125mm**, Purity: 99.9%, Coil width 200 mm, Size: 25x25 mm to 200x300 mm
- NB000190** Thickness: **0.02mm**, Purity: 99.9%, Diameter: 4 mm to 25 mm
- NB000300** Thickness: **0.025mm**, Purity: 99.9%, Temper: Annealed
- NB000301** Thickness: **0.025mm**, Purity: 99.9%, Temper: As rolled, Coil width 120 mm, Size: 25x25 mm to 100x100 mm
- NB000310** Thickness: **0.04mm**, Purity: 99.9%, Temper: Annealed, Ribbon width 0.7 mm Length : 0.5 m to 10 m
- NB000315** Thickness: **0.05mm**, Purity: 99.9%, Temper: Annealed, Coil width 160 mm, Size: 25x25 mm to 150x150 mm
- NB000330** Thickness: **0.1mm**, Purity: 99.9%, Temper: Annealed, Coil width 150 mm, Size: 25x25 mm to 150x150 mm
- NB000344** Thickness: **0.125mm**, Purity: 99.9%, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- NB000360** Thickness: **0.25mm**, Purity: 99.9%, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- NB000365** Thickness: **0.30mm**, Purity: 99.9%, Temper: Annealed, Coil width 200 mm, Size: 25x25 mm to 200x200 mm
- NB000370** Thickness: **0.5mm**, Purity: 99.9%, Temper: Annealed, Size: 25x25 mm to 300x300 mm
- NB000380** Thickness: **1.0mm**, Purity: 99.9%, Temper: Annealed, Size: 25x25 mm to 150x150 mm
- NB000400** Thickness: **1.5mm**, Purity: 99.9%, Temper: Annealed, Size: 25x25 mm to 150x150 mm
- NB000420** Thickness: **2.0mm**, Purity: 99.9%, Temper: Annealed, Size: 25x25 mm to 100x100 mm

NB000430 Thickness: **3.0mm**, Purity: 99.9%, Temper: Annealed, Size: 150x150 mm to 300x300 mm

NB000450 Thickness: **6.0mm**, Purity: 99.9%, Temper: Annealed, Size: 150x150 mm to 300x300 mm



Sputtering Target

NB009300 Thickness: **3.0mm**, Purity: 99.9%, Size: 25.4 mm to 75 mm

NB009600 Thickness: **6.0mm**, Purity: 99.9%, Size: 25.4 mm to 75 mm



Wire

NB005090 Diameter: **0.025mm**, Purity: 99.85%, Temper: As drawn

NB005100 Diameter: **0.05mm**, Purity: 99.85%, Temper: As drawn

NB005110 Diameter: **0.125mm**, Purity: 99.9%, Temper: Annealed

NB005115 Diameter: **0.18mm**, Purity: 99.9%, Temper: Annealed

NB005120 Diameter: **0.25mm**, Purity: 99.9%, Temper: Annealed

NB005125 Diameter: **0.5mm**, Purity: 99.9%, Temper: Annealed

NB005130 Diameter: **1.0mm**, Purity: 99.9%, Temper: Annealed

NB005140 Diameter: **1.5mm**, Purity: 99.9%, Temper: Annealed



Insulated Wire

NB005851 Conductor diameter: **0.05mm**, Insulation thickness: 0.007mm, Insulation: Polyimide

NB005850 Conductor diameter: **0.05mm**, Insulation thickness: 0.008mm, Insulation: PTFE



Rod

NB007910 Diameter: **2.0mm**, Purity: 99.9%, Temper: Annealed, Length: 100 mm to 1000 mm

NB007920 Diameter: **5.0mm**, Purity: 99.9%, Temper: Annealed, Length: 100 mm to 1000 mm

NB007925 Diameter: **5.6mm**, Purity: 99.9%, Temper: Annealed, Length: 100 mm to 1000 mm

NB007930 Diameter: **10.0mm**, Purity: 99.9%, Temper: Annealed, Length: 100 mm to 1000 mm

NB007935 Diameter: **12.7mm**, Purity: 99.9%, Temper: Annealed, Length: 50 mm to 500 mm

NB007940 Diameter: **20.0mm**, Purity: 99.9%, Temper: Annealed, Length: 25 mm to 200 mm

NB007941 Diameter: **25mm**, Purity: 99.9%, Length: 100 mm

NB007942 Diameter: **30.0mm**, Purity: 99.9%, Temper: Annealed, Length: 100 mm

NB007945 Diameter: **42mm**, Purity: 99.9%, Temper: Annealed, Length: 50 mm to 100 mm

NB007950 Diameter: **50.0mm**, Purity: 99.9%, Temper: Annealed, Length: 50 mm to 100 mm

NB007975 Diameter: **75mm**, Purity: 99.9%, Length: 100 mm

NB007995 Diameter: **100mm**, Purity: 99.9%, Length: 100 mm



Tube

NB007110 Outside Diameter: **1.0mm**, Wall Thickness: 0.25mm, Purity: 99.9%, Inside Diameter: 0.5mm, Temper: As drawn, Length: 100 mm to 1000 mm

Metals

NB007200 Outside Diameter: **2.54mm**, Wall Thickness: 0.05mm, Purity: 99.9%, Inside Diameter: 2.44mm, Temper: Annealed, Length: 100 mm to 1000 mm

NB007300 Outside Diameter: **5.0mm**, Wall Thickness: 0.3mm, Purity: 99.9%, Inside Diameter: 4.4mm, Temper: As drawn, Length: 100 mm to 1000 mm

NB007600 Outside Diameter: **10.0mm**, Wall Thickness: 0.4mm, Purity: 99.9%, Inside Diameter: 9.2mm, Temper: As drawn, Length: 100 mm to 1000 mm

NB007700 Outside Diameter: **16.0mm**, Wall Thickness: 1.5mm, Purity: 99.9%, Inside Diameter: 13mm, Temper: As drawn, Length: 150 mm



Powder

NB006022 Max. Particle size: **74micron**, Purity: 99.85%



Lump

NB006100 Max. Lump size: **10mm**, Purity: 99.9%, Condition: Pellets



Sphere

NB006840 Diameter: **4.0mm**, Purity: 99.9%



Single Crystal

NB002110 Oriented: **(100)**, Diameter: 12mm, Purity: 99.99%, Length: 2mm

NB002059 Oriented: **(110)**, Diameter: 6mm, Purity: 99.99%, Length: 10mm

NB002060 Oriented: **(110)**, Diameter: 6mm, Purity: 99.99%, Length: 25mm

NB002061 Oriented: **(110)**, Diameter: 6mm, Purity: 99.99%, Length: 50mm

NB002119 Oriented: **(110)**, Diameter: 12mm, Purity: 99.99%, Length: 10mm

NB002120 Oriented: **(110)**, Diameter: 12mm, Purity: 99.99%, Length: 25mm

NB002121 Oriented: **(110)**, Diameter: 12mm, Purity: 99.99%, Length: 50mm

NB002129 Oriented: **(111)**, Diameter: 12mm, Purity: 99.99%, Length: 10mm

Osmium (Os)



Powder

OS006010 Max. Particle size: **500micron**, Purity: 99.9%



Lump

OS006100 Max. Lump size: **3mm**, Purity: 99.9%

Palladium (Pd)



Microfoil

PD004300 Thinness: **0.05µm**, Specific density: 63.6 µg.cm⁻², Purity: 99.99%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 50 mm

PD004500 Thinness: **0.1µm**, Specific density: 119.2 µg.cm⁻², Purity: 99.99%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 50 mm

PD004600 Thinness: **0.25µm**, Specific density: 303.4 µg.cm⁻², Purity: 99.99%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 50 mm

PD004700 Thinness: **0.5µm**, Specific density: 303.4 µg.cm⁻², Purity: 99.99%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm



Foil

PD000170 Thickness: **0.0005mm**, Purity: 99.75%

PD000180 Thickness: **0.00075mm**, Purity: 99.75%, Support: Permanent Polyester

PD000190 Thickness: **0.001mm**, Purity: 99.75%, Support: Permanent Polyester

PD000201 Thickness: **0.0015mm**, Purity: 99.95%

PD000202 Thickness: **0.002mm**, Purity: 99.95%

PD000206 Thickness: **0.0025mm**, Purity: 99.95%

PD000203 Thickness: **0.003mm**, Purity: 99.95%

PD000204 Thickness: **0.004mm**, Purity: 99.95%

PD000205 Thickness: **0.005mm**, Purity: 99.95%

PD000200 Thickness: **0.006mm**, Purity: 99.95%, Diameter: 4 mm to 15 mm

PD000240 Thickness: **0.008mm**, Purity: 99.95%, Diameter: 4 mm to 25 mm

PD000241 Thickness: **0.008mm**, Purity: 99.95%

PD000250 Thickness: **0.0125mm**, Purity: 99.95%, Diameter: 4 mm to 15 mm

PD000251 Thickness: **0.0125mm**, Purity: 99.95%

PD000255 Thickness: **0.02mm**, Purity: 99.95%, Temper: As rolled, Diameter: 4 mm to 25 mm

PD000256 Thickness: **0.02mm**, Purity: 99.95%, Temper: As rolled

PD000260 Thickness: **0.025mm**, Purity: 99.95%, Temper: As rolled, Diameter: 4 mm to 25 mm

PD000263 Thickness: **0.025mm**, Purity: 99.95%, Temper: As rolled

PD000270 Thickness: **0.025mm**, High Purity: 99.99+%, Temper: As rolled, Diameter: 4 mm to 25 mm

PD000261 Thickness: **0.03mm**, Purity: 99.95%, Temper: As rolled, Diameter: 4 mm to 25 mm

PD000264 Thickness: **0.03mm**, Purity: 99.95%, Temper: As rolled

PD000262 Thickness: **0.047mm**, Purity: 99.95%, Temper: As rolled, Size: 25x25 mm to 100x100 mm

PD000272 Thickness: **0.075mm**, Purity: 99.95%, Temper: As rolled, Size: 25x25 mm to 100x100 mm

PD000276 Thickness: **0.1mm**, Purity: 99.95%, Temper: As rolled, Coil width 2 mm Length : 0.1 m to 2 m

PD000275 Thickness: **0.1mm**, Purity: 99.95%, Temper: As rolled, Size: 25x25 mm to 100x100 mm

PD000278 Thickness: **0.1mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 100x100 mm

PD000290 Thickness: **0.125mm**, Purity: 99.95%, Temper: As rolled, Size: 25x25 mm to 100x100 mm

PD000300 Thickness: **0.25mm**, Purity: 99.95%, Temper: As rolled, Size: 25x25 mm to 50x50 mm

PD000310 Thickness: **0.25mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 50x50 mm

PD000350 Thickness: **0.50mm**, Purity: 99.95%, Temper: As rolled, Size: 25x25 mm to 50x50 mm

PD000351 Thickness: **0.50mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 50x50 mm

Metals

PD000375 Thickness: **1.0mm**, Purity: 99.95%, Temper: As rolled, Size: 25x25 mm to 50x50 mm

PD000500 Thickness: **2.0mm**, Purity: 99.95%, Temper: As rolled, Size: 25x25 mm to 50x50 mm



Sputtering Target

PD009202 Thickness: **0.25mm**, Purity: 99.95%, Size: 50 mm to 60 mm

PD009206 Thickness: **1.0mm**, Purity: 99.95%, Size: 50 mm to 50.8 mm



Wire

PD005100 Diameter: **0.01mm**, Purity: 99.9%, Temper: As drawn

PD005110 Diameter: **0.02mm**, Purity: 99.95%, Temper: As drawn

PD005113 Diameter: **0.025mm**, Purity: 99.9%, Temper: As drawn

PD005116 Diameter: **0.05mm**, Purity: 99.9%, Temper: As drawn

PD005120 Diameter: **0.125mm**, Purity: 99.95%, Temper: Hard

PD005130 Diameter: **0.25mm**, Purity: 99.95%, Temper: Hard

PD005140 Diameter: **0.25mm**, High Purity: 99.99+%, Temper: As drawn

PD005146 Diameter: **0.5mm**, Purity: 99.95%, Temper: As drawn

PD005150 Diameter: **1.0mm**, Purity: 99.95%, Temper: Hard



Rod

PD007920 Diameter: **2.0mm**, Purity: 99.95%, Length: 25 mm to 100 mm

PD007940 Diameter: **4.0mm**, Purity: 99.95%, Length: 25 mm to 100 mm

PD007950 Diameter: **6.0mm**, Purity: 99.95%, Length: 10 mm to 50 mm



Tube

PD007100 Outside Diameter: **1.0mm**, Wall Thickness: 0.1mm, Purity: 99.95%, Inside Diameter: 0.8mm, Temper: As drawn, Length: 50 mm to 200 mm

PD007150 Outside Diameter: **2.0mm**, Wall Thickness: 0.2mm, Purity: 99.95%, Inside Diameter: 1.6mm, Temper: As drawn, Length: 50 mm to 200 mm

PD007200 Outside Diameter: **3.5mm**, Wall Thickness: 0.25mm, Purity: 99.95%, Inside Diameter: 3mm, Temper: As drawn, Length: 50 mm to 200 mm

PD007250 Outside Diameter: **5.0mm**, Wall Thickness: 0.3mm, Purity: 99.95%, Inside Diameter: 4.4mm, Temper: As drawn, Length: 50 mm to 200 mm

PD007260 Outside Diameter: **6mm**, Wall Thickness: 0.5mm, Purity: 99.95%, Inside Diameter: 5mm, Temper: As drawn, Condition: Half-round closed at one end, Length: 120 mm



Powder

PD006022 Mean Particle size: **0.1-0.3micron**, Purity: 99.95%

PD006015 Max. Particle size: **10micron**, Purity: 99.95%

PD006012 Max. Particle size: **150micron**, Purity: 99.95%

PD006010 Max. Particle size: **400micron**, Purity: 99.95%



Lump

PD006100 Max. Lump size: **6mm**, Purity: 99.95%



Single Crystal

PD002120 Oriented: **(100)**, Diameter: 10mm, Length: 2mm

Platinum (Pt)



Microfoil

PT004500 Thinness: **0.1µm**, Specific density: 120 µg.cm⁻², Purity: 99.99%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm

PT004600 Thinness: **0.25µm**, Specific density: 300 µg.cm⁻², Purity: 99.99%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm

PT004700 Thinness: **0.5µm**, Specific density: 600 µg.cm⁻², Purity: 99.99%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm

PT004800 Thinness: **0.75µm**, Specific density: 900 µg.cm⁻², Purity: 99.99%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm

PT004850 Thinness: **1.0µm**, Specific density: 900 µg.cm⁻², Purity: 99.99%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm



Foil

PT000170 Thickness: **0.0005mm**, Purity: 99.85%, Support: Permanent Polyester

PT000180 Thickness: **0.00075mm**, Purity: 99.85%, Support: Permanent Polyester

PT000190 Thickness: **0.001mm**, Purity: 99.85%, Support: Permanent Polyester

PT000201 Thickness: **0.00125mm**, Purity: 99.95%, Temper: As rolled

PT000202 Thickness: **0.0015mm**, Purity: 99.95%, Temper: As rolled

PT000203 Thickness: **0.002mm**, Purity: 99.95%, Temper: As rolled

PT000206 Thickness: **0.0025mm**, Purity: 99.95%, Temper: As rolled

PT000204 Thickness: **0.003mm**, Purity: 99.95%, Temper: As rolled

PT000207 Thickness: **0.004mm**, Purity: 99.95%, Temper: As rolled, Diameter: 4 mm to 15 mm

PT000208 Thickness: **0.005mm**, Purity: 99.95%, Temper: As rolled, Diameter: 4 mm to 25 mm

PT000210 Thickness: **0.0075mm**, Purity: 99.95%, Temper: As rolled, Diameter: 4 mm to 25 mm

PT000215 Thickness: **0.01mm**, Purity: 99.95%, Temper: As rolled, Diameter: 4 mm to 15 mm

PT000220 Thickness: **0.0125mm**, Purity: 99.95%, Temper: As rolled, Diameter: 4 mm to 15 mm

PT000233 Thickness: **0.025mm**, Purity: 99.95%, Temper: As rolled, Ribbon width 0.85 mm Length : 0.05 m to 0.5 m

PT000235 Thickness: **0.025mm**, Purity: 99.95%, Temper: As rolled, Coil width 1.2 mm Length : 0.05 m to 0.5 m

PT000234 Thickness: **0.025mm**, Purity: 99.95%, Temper: As rolled, Coil width 1.6 mm Length : 0.05 m to 0.5 m

Metals

- PT000232** Thickness: **0.025mm**, Purity: 99.95%, Temper: As rolled, Coil width 5 mm Length : 0.05 m to 0.5 m
- PT000236** Thickness: **0.025mm**, Purity: 99.95%, Temper: As rolled, Coil width 8 mm Length : 0.05 m to 0.5 m
- PT000230** Thickness: **0.025mm**, Purity: 99.95%, Temper: As rolled, Diameter: 4 mm to 15 mm
- PT000231** Thickness: **0.025mm**, Purity: 99.95%, Temper: As rolled
- PT000240** Thickness: **0.025mm**, High Purity: 99.99+ %, Temper: As rolled, Diameter: 4 mm to 15 mm
- PT000246** Thickness: **0.045mm**, Purity: 99.95%, Temper: As rolled, Ribbon width 0.75 mm Length : 0.05 m to 0.5 m
- PT000248** Thickness: **0.05mm**, Purity: 99.95%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- PT000249** Thickness: **0.05mm**, Purity: 99.99%, Temper: As rolled, Coil width 1 mm Length : 0.05 m to 0.5 m
- PT000261** Thickness: **0.1mm**, Purity: 99.95%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- PT000260** Thickness: **0.1mm**, High Purity: 99.99+ %, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- PT000251** Thickness: **0.125mm**, Purity: 99.95%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- PT000250** Thickness: **0.125mm**, High Purity: 99.99+ %, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- PT000265** Thickness: **0.2mm**, Purity: 99.95%, Temper: As rolled, Coil width 5 mm Length : 0.05 m to 0.1 m
- PT000270** Thickness: **0.25mm**, High Purity: 99.99+ %, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- PT000271** Thickness: **0.25mm**, High Purity: 99.999%, Temper: As rolled, Size: 25x25 mm
- PT000300** Thickness: **0.5mm**, Purity: 99.95%, Temper: As rolled, Size: 10x10 mm to 50x50 mm
- PT000320** Thickness: **1.0mm**, Purity: 99.95%, Temper: As rolled, Size: 10x10 mm to 50x50 mm
- PT000350** Thickness: **2.0mm**, Purity: 99.95%, Temper: As rolled, Size: 10x10 mm to 50x50 mm



Sputtering Target

- PT009202** Thickness: **0.2mm**, Purity: 99.95%, Size: 25 mm to 57 mm
- PT009205** Thickness: **0.5mm**, Purity: 99.95%, Size: 50 mm to 54 mm
- PT009206** Thickness: **1.0mm**, Purity: 99.95%, Size: 50.8 mm to 76.2 mm



Mesh

- PT008710** Nominal Aperture: **0.25mm**, Purity: 99.9%, Wire diameter: 0.06mm, Wires/inch: 82x82, Open area: 65%, Type: Plain weave mesh, Size: 20x20 mm to 100x100 mm



Wire

- PT005101** Diameter: **0.0006mm**, Purity: 99.9%, Condition: Wollaston wire
- PT005102** Diameter: **0.001mm**, Purity: 99.9%, Condition: Wollaston wire
- PT005103** Diameter: **0.002mm**, Purity: 99.9%, Condition: Wollaston wire

- PT005105** Diameter: **0.005mm**, Purity: 99.9%, Condition: Wollaston wire
- PT005106** Diameter: **0.006mm**, Purity: 99.9%, Condition: Wollaston wire
- PT005109** Diameter: **0.01mm**, Purity: 99.9%, Condition: Wollaston wire
- PT005107** Diameter: **0.01mm**, Purity: 99.9%, Temper: Hard
- PT005108** Diameter: **0.0125mm**, Purity: 99.9%, Temper: Hard
- PT005122** Diameter: **0.015mm**, Purity: 99.99%, Temper: Annealed
- PT005110** Diameter: **0.02mm**, Purity: 99.9%, Temper: As drawn
- PT005113** Diameter: **0.025mm**, Purity: 99.9%, Temper: Hard
- PT005114** Diameter: **0.025mm**, Purity: 99.99%, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple
- PT005124** Diameter: **0.04mm**, Purity: 99.99%, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple
- PT005116** Diameter: **0.05mm**, Purity: 99.99%, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple
- PT005115** Diameter: **0.05mm**, Purity: 99.99%, Temper: Hard
- PT005112** Diameter: **0.063mm**, Purity: 99.9%, Temper: Hard
- PT005123** Diameter: **0.08mm**, Purity: 99.9%, Temper: Hard
- PT005127** Diameter: **0.1mm**, Purity: 99.99%, Temper: Hard
- PT005117** Diameter: **0.125mm**, Purity: 99.95%, Temper: As drawn
- PT005118** Diameter: **0.125mm**, Purity: 99.99%, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple
- PT005119** Diameter: **0.15mm**, Purity: 99.99%, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple
- PT005126** Diameter: **0.175mm**, Purity: 99.95%, Temper: As drawn
- PT005129** Diameter: **0.175mm**, Purity: 99.95%, Temper: Annealed
- PT005130** Diameter: **0.20mm**, Purity: 99.99%, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple
- PT005120** Diameter: **0.25mm**, Purity: 99.95%, Temper: Hard
- PT005121** Diameter: **0.25mm**, Purity: 99.99%, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple
- PT005140** Diameter: **0.25mm**, High Purity: 99.99+ %, Temper: As drawn
- PT005141** Diameter: **0.25mm**, High Purity: 99.998%, Temper: As drawn
- PT005125** Diameter: **0.3mm**, Purity: 99.99%, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple

Metals

- PT005128** Diameter: **0.3mm**, Purity: 99.99%, Temper: As drawn
- PT005142** Diameter: **0.40mm**, Purity: 99.99%, Temper: As drawn, Thermocouple wire: May be used as one component of a Thermocouple
- PT005146** Diameter: **0.5mm**, Purity: 99.99%, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple
- PT005145** Diameter: **0.5mm**, High Purity: 99.99+%, Temper: As drawn
- PT005144** Diameter: **0.5mm**, High Purity: 99.998%, Temper: As drawn
- PT005148** Diameter: **0.6mm**, High Purity: 99.99+%, Temper: As drawn
- PT005149** Diameter: **0.8mm**, Purity: 99.99%, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple
- PT005150** Diameter: **1.0mm**, Purity: 99.95%, Temper: Hard
- PT005156** Diameter: **1.0mm**, Purity: 99.99%, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple
- PT005155** Diameter: **1.0mm**, High Purity: 99.99+%, Temper: As drawn



Insulated Wire

- PT005805** Conductor diameter: **0.015mm**, Insulation thickness: 0.002mm, Purity: 99.99%, Insulation: Polyimide
- PT005820** Conductor diameter: **0.025mm**, Insulation thickness: 0.005mm, Purity: 99.99%, Insulation: Polyester
- PT005821** Conductor diameter: **0.025mm**, Insulation thickness: 0.005mm, Purity: 99.99%, Insulation: Polyimide
- PT005830** Conductor diameter: **0.05mm**, Insulation thickness: 0.0075mm, Purity: 99.99%, Insulation: Polyester
- PT005835** Conductor diameter: **0.05mm**, Insulation thickness: 0.009mm, Purity: 99.99%, Insulation: PTFE
- PT005840** Conductor diameter: **0.125mm**, Insulation thickness: 0.014mm, Purity: 99.99%, Insulation: Polyester
- PT005810** Conductor diameter: **0.125mm**, Insulation thickness: 0.016mm, Purity: 99.99%, Insulation: PTFE



Rod

- PT007910** Diameter: **1.0mm**, Purity: 99.95%, Length: 25 mm to 200 mm
- PT007916** Diameter: **1.6mm**, Purity: 99.95%, Length: 25 mm to 100 mm
- PT007920** Diameter: **2.0mm**, Purity: 99.95%, Length: 10 mm to 50 mm
- PT007921** Diameter: **2.0mm**, Purity: 99.95%, Length: 2 mm
- PT007930** Diameter: **3.0mm**, Purity: 99.95%, Length: 10 mm to 50 mm
- PT007940** Diameter: **4.0mm**, Purity: 99.95%, Length: 10 mm to 50 mm
- PT007950** Diameter: **5.0mm**, Purity: 99.95%, Length: 10 mm to 50 mm
- PT007961** Diameter: **6.0mm**, High Purity: 99.99+%, Length: 6.5 mm

- PT007981** Diameter: **8.0mm**, Purity: 99.95%, Length: 10 mm to 25 mm



Tube

- PT007050** Outside Diameter: **0.29mm**, Wall Thickness: 0.11mm, Purity: 99.95%, Inside Diameter: 0.07mm, Temper: As drawn, Length: 100 mm to 1000 mm
- PT007100** Outside Diameter: **0.4mm**, Wall Thickness: 0.15mm, Purity: 99.95%, Inside Diameter: 0.1mm, Temper: As drawn, Length: 100 mm to 1000 mm
- PT007105** Outside Diameter: **0.40mm**, Wall Thickness: 0.12mm, Purity: 99.95%, Inside Diameter: 0.16mm, Temper: As drawn, Length: 50 mm to 500 mm
- PT007115** Outside Diameter: **0.48mm**, Wall Thickness: 0.16mm, Purity: 99.95%, Inside Diameter: 0.16mm, Temper: As drawn, Length: 50 mm to 1000 mm
- PT007120** Outside Diameter: **0.5mm**, Wall Thickness: 0.04mm, Purity: 99.95%, Inside Diameter: 0.42mm, Temper: As drawn, Length: 100 mm to 1000 mm
- PT007125** Outside Diameter: **0.6mm**, Wall Thickness: 0.05mm, Purity: 99.95%, Inside Diameter: 0.5mm, Temper: As drawn, Length: 100 mm to 1000 mm
- PT007124** Outside Diameter: **0.6mm**, Wall Thickness: 0.04mm, Purity: 99.95%, Inside Diameter: 0.52mm, Temper: As drawn, Length: 100 mm to 1000 mm
- PT007130** Outside Diameter: **0.65mm**, Wall Thickness: 0.04mm, Purity: 99.95%, Inside Diameter: 0.57mm, Temper: As drawn, Length: 100 mm to 1000 mm
- PT007150** Outside Diameter: **0.7mm**, Wall Thickness: 0.15mm, Purity: 99.95%, Inside Diameter: 0.4mm, Temper: As drawn, Length: 50 mm to 500 mm
- PT007190** Outside Diameter: **0.95mm**, Wall Thickness: 0.175mm, Purity: 99.95%, Inside Diameter: 0.60mm, Temper: As drawn, Length: 50 mm to 500 mm
- PT007200** Outside Diameter: **1.0mm**, Wall Thickness: 0.1mm, Purity: 99.95%, Inside Diameter: 0.8mm, Temper: As drawn, Length: 50 mm to 500 mm
- PT007220** Outside Diameter: **1.2mm**, Wall Thickness: 0.1mm, Purity: 99.95%, Inside Diameter: 1mm, Temper: As drawn, Length: 50 mm to 500 mm
- PT007250** Outside Diameter: **2.0mm**, Wall Thickness: 0.2mm, Purity: 99.95%, Inside Diameter: 1.6mm, Temper: As drawn, Length: 50 mm to 200 mm
- PT007260** Outside Diameter: **2.13mm**, Wall Thickness: 0.175mm, Purity: 99.95%, Inside Diameter: 1.78mm, Temper: As drawn, Length: 50 mm to 200 mm
- PT007300** Outside Diameter: **3.0mm**, Wall Thickness: 0.1mm, Purity: 99.95%, Inside Diameter: 2.8mm, Temper: As drawn, Length: 50 mm to 200 mm
- PT007500** Outside Diameter: **6mm**, Wall Thickness: 0.2mm, Purity: 99.95%, Inside Diameter: 5.6mm, Temper: As drawn, Length: 25 mm to 50 mm



Powder

- PT006021** Max. Particle size: **3.5micron**, Purity: 99.95%

Metals

PT006015 Max. Particle size: **45micron**, Purity: 99.95%

PT006016 Max. Particle size: **150micron**, Purity: 99.95%



Lump

PT006102 Max. Lump size: **5mm**, Purity: 99.95%,
Condition: Granular

PT006100 Max. Lump size: **6mm**, Purity: 99.95%,
Condition: Pellets

PT006101 Max. Lump size: **6mm**, Purity: 99.95%,
Condition: Pellets



Single Crystal

PT002120 Oriented: **(100)**, Diameter: 10mm, Purity:
99.999%, Length: 1mm

Potassium (K)



Lump

K 006100 Max. Lump size: **25mm**, Purity: 99.97%

Praseodymium (Pr)



Foil

PR000050 Thickness: **0.005mm**, Purity: 99.9%, Temper:
As rolled

PR000100 Thickness: **0.01mm**, Purity: 99.9%, Temper:
As rolled

PR000150 Thickness: **0.015mm**, Purity: 99.9%, Temper:
As rolled

PR000200 Thickness: **0.025mm**, Purity: 99.9%, Temper:
As rolled

PR000210 Thickness: **0.1mm**, Purity: 99.9%, Temper:
As rolled, Size: 25x25 mm to 100x100 mm

PR000230 Thickness: **0.25mm**, Purity: 99.9%, Temper:
As rolled, Size: 25x25 mm to 50x50 mm



Sputtering Target

PR009100 Thickness: **1.0mm**, Purity: 99.9%, Size: 50 mm
to 75 mm

PR009300 Thickness: **3.0mm**, Purity: 99.9%, Size: 50 mm
to 75 mm



Wire

PR005110 Diameter: **1.0mm**, Purity: 99.9%, Temper: Hard



Rod

PR007910 Diameter: **6.35mm**, Purity: 99.9%, Condition:
Cast, Length: 50 mm to 100 mm



Powder

PR006010 Max. Particle size: **250micron**, Purity: 99.9%



Lump

PR006100 Max. Lump size: **25mm**, Purity: 99.9%, Packing
Note: Packed in Oil

Rhenium (Re)



Foil

RE000200 Thickness: **0.0125mm**, Purity: 99.99%, Temper:
Annealed

RE000214 Thickness: **0.025mm**, Purity: 99.99%, Temper:
Annealed, Ribbon width 0.76 mm Length : 0.1 m
to 5 m

RE000210 Thickness: **0.025mm**, Purity: 99.99%, Temper:
Annealed, Size: 25x25 mm to 50x50 mm

RE000220 Thickness: **0.03mm**, Purity: 99.99%, Temper:
Annealed, Ribbon width 0.76 mm Length : 0.1 m
to 2 m

RE000228 Thickness: **0.04mm**, Purity: 99.99%, Temper:
Annealed, Ribbon width 0.7 mm Length : 0.1 m
to 2 m

RE000234 Thickness: **0.05mm**, Purity: 99.99%, Temper:
Annealed, Ribbon width 0.76 mm Length : 0.1 m
to 2 m

RE000230 Thickness: **0.05mm**, Purity: 99.99%, Temper:
Annealed, Size: 25x25 mm to 50x50 mm

RE000240 Thickness: **0.125mm**, Purity: 99.99%, Temper:
Annealed, Size: 25x25 mm to 50x50 mm

RE000245 Thickness: **0.20mm**, Purity: 99.99%, Temper:
Annealed, Size: 25x25 mm to 50x50 mm

RE000250 Thickness: **0.25mm**, Purity: 99.99%, Temper:
Annealed, Size: 25x25 mm to 50x50 mm

RE000270 Thickness: **0.5mm**, Purity: 99.99%, Temper:
Annealed, Size: 25x25 mm to 50x50 mm

RE000301 Thickness: **1.0mm**, Purity: 99.99%, Temper:
Annealed, Diameter: 12 mm

RE000300 Thickness: **1.0mm**, Purity: 99.99%, Temper:
Annealed, Size: 25x25 mm



Sputtering Target

RE009100 Thickness: **1.0mm**, Purity: 99.99%, Size:
25.4 mm to 50.8 mm



Wire

RE005105 Diameter: **0.076mm**, Purity: 99.97%, Temper:
Annealed

RE005106 Diameter: **0.10mm**, Purity: 99.97%, Temper:
Annealed

RE005108 Diameter: **0.125mm**, Purity: 99.97%, Temper:
Annealed

RE005110 Diameter: **0.15mm**, Purity: 99.97%, Temper:
Annealed

RE005112 Diameter: **0.178mm**, Purity: 99.97%, Temper:
Annealed

RE005115 Diameter: **0.2mm**, Purity: 99.97%, Temper:
Annealed

RE005120 Diameter: **0.25mm**, Purity: 99.97%, Temper:
Annealed

RE005125 Diameter: **0.3mm**, Purity: 99.97%, Temper:
Annealed

RE005130 Diameter: **0.5mm**, Purity: 99.97%, Temper:
Annealed

RE005140 Diameter: **1.0mm**, Purity: 99.97%, Temper:
Annealed



Rod

RE007905 Diameter: **1.5mm**, Purity: 99.99%, Temper:
Annealed, Length: 25 mm to 100 mm

RE007920 Diameter: **5.0mm**, Purity: 99.99%, Length:
25 mm to 50 mm



Powder

RE006011 Max. Particle size: **45micron**, Purity: 99.99%



Lump

RE006100 Max. Lump size: **10mm**, Purity: 99.99%,
Condition: Pellets



Single Crystal

RE002110 Oriented: **(0001)**, Diameter: 8mm, Purity:
99.999%, Length: 1mm

Metals

Rhodium (Rh)



Microfoil

- RH004500** Thickness: **0.1µm**, Specific density: 124 µg.cm⁻², Purity: 99.9%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm
- RH004600** Thickness: **0.25µm**, Specific density: 310 µg.cm⁻², Purity: 99.9%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm
- RH004700** Thickness: **0.50µm**, Specific density: 620 µg.cm⁻², Purity: 99.9%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm



Foil

- RH000160** Thickness: **0.00025mm**, Purity: 99.85%, Support: Permanent Polyester
- RH000170** Thickness: **0.0005mm**, Purity: 99.85%, Support: Permanent Polyester
- RH000180** Thickness: **0.00075mm**, Purity: 99.85%, Support: Permanent Polyester
- RH000203** Thickness: **0.006mm**, Purity: 99.9%, Temper: As rolled
- RH000205** Thickness: **0.012mm**, Purity: 99.9%, Temper: As rolled
- RH000200** Thickness: **0.025mm**, Purity: 99.9%, Temper: As rolled
- RH000210** Thickness: **0.05mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 50x50 mm
- RH000220** Thickness: **0.075mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 50x50 mm
- RH000225** Thickness: **0.1mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 50x50 mm
- RH000230** Thickness: **0.125mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- RH000270** Thickness: **0.5mm**, Purity: 99.9%, Temper: As rolled, Diameter: 12 mm
- RH000271** Thickness: **0.5mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 50x50 mm
- RH000301** Thickness: **1.0mm**, Purity: 99.9%, Temper: As rolled, Diameter: 12 mm
- RH000300** Thickness: **1.0mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 50x50 mm



Sputtering Target

- RH009100** Thickness: **1.0mm**, Purity: 99.9%, Size: 50 mm



Wire

- RH005105** Diameter: **0.12mm**, Purity: 99.9%, Temper: As drawn
- RH005110** Diameter: **0.25mm**, Purity: 99.9%, Temper: Hard
- RH005120** Diameter: **0.5mm**, Purity: 99.9%, Temper: As drawn
- RH005130** Diameter: **1.0mm**, Purity: 99.9%, Temper: As drawn



Rod

- RH007910** Diameter: **2.0mm**, Purity: 99.9%, Temper: As drawn, Length: 25 mm to 100 mm
- RH007920** Diameter: **5.0mm**, Purity: 99.9%, Temper: As drawn, Length: 30 mm



Powder

- RH006010** Max. Particle size: **400micron**, Purity: 99.9%



Lump

- RH006100** Max. Lump size: **12mm**, Purity: 99.9%, Condition: Pellets



Single Crystal

- RH002110** Oriented: **(100)**, Diameter: 8mm, Purity: 99.999%, Length: 1mm

Rubidium (Rb)



Lump

- RB006100** Max. Lump size: **5mm**, Purity: 99.9%

Ruthenium (Ru)



Microfoil

- RU004200** Thickness: **0.025µm**, Specific density: 30.5 µg.cm⁻², Purity: 99.9%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm
- RU004500** Thickness: **0.1µm**, Specific density: 122 µg.cm⁻², Purity: 99.9%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm



Foil

- RU000220** Thickness: **1.0mm**, Purity: 99.9%, Size: 6x6 mm to 50x50 mm
- RU000250** Thickness: **3.0mm**, Purity: 99.9%, Size: 34x100 mm



Sputtering Target

- RU009100** Thickness: **2.0mm**, Purity: 99.9%, Size: 50 mm
- RU009200** Thickness: **3.0mm**, Purity: 99.9%, Size: 25 mm to 75 mm
- RU009600** Thickness: **6.35mm**, Purity: 99.9%, Size: 25.4 mm



Rod

- RU007910** Diameter: **12.7mm**, Purity: 99.9%, Length: 12.7 mm



Bar

- RU008010** Side Length: **2mm**, Side Length (of longer side): 2mm, Purity: 99.9%, Length: 25 mm to 50 mm



Powder

- RU006012** Max. Particle size: **450micron**, Purity: 99.9%
- RU006020** Max. Particle size: **850micron**, Purity: 99.9%



Lump

- RU006100** Max. Lump size: **6mm**, Purity: 99.9%, Condition: Pellets



Single Crystal

- RU002110** Oriented: **(0001)**, Diameter: 8mm, Purity: 99.999%, Length: 1mm

Samarium (Sm)



Foil

- SM000205** Thickness: **0.005mm**, Purity: 99.9%, Temper: As rolled
- SM000200** Thickness: **0.025mm**, Purity: 99.9%, Temper: As rolled
- SM000210** Thickness: **0.1mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 50x50 mm
- SM000230** Thickness: **0.25mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 50x50 mm

Metals



Sputtering Target

SM009100 Thickness: **1.0mm**, Purity: 99.9%, Size: 50 mm to 75 mm



Rod

SM007910 Diameter: **6.35mm**, Purity: 99.9%, Condition: Cast, Length: 50 mm to 100 mm



Powder

SM006010 Max. Particle size: **500micron**, Purity: 99.9%



Lump

SM006100 Max. Lump size: **25mm**, Purity: 99.9%

Scandium (Sc)



Foil

SC000205 Thickness: **0.0125mm**, Purity: 99.9%, Temper: As rolled

SC000200 Thickness: **0.025mm**, Purity: 99.9%, Temper: As rolled

SC000211 Thickness: **0.12mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 100x100 mm



Powder

SC006010 Max. Particle size: **250micron**, Purity: 99.9%



Lump

SC006100 Max. Lump size: **25.4mm**, Purity: 96+ %

Selenium (Se)



Powder

SE006010 Max. Particle size: **250micron**, Purity: 99.95%



Lump

SE006110 Max. Lump size: **3mm**, High Purity: 99.999%, Condition: Pellets

Silicon (Si)



Sheet

SI003050 Thickness: **0.38mm**, Purity: 99.999%, Condition: Single crystal, Diameter: 13 mm

SI003051 Thickness: **0.38mm**, Purity: 99.999%, Condition: Single crystal, Electrical type: N-Type, Oriented: (100), Diameter: 15.9 mm

SI003052 Thickness: **0.38mm**, Purity: 99.999%, Condition: Single crystal, Electrical type: N-Type, Oriented: (111), Diameter: 15.9 mm

SI003120 Thickness: **1.0mm**, Purity: 99.999%, Condition: Polycrystalline, Size: 25x25 mm

SI003100 Thickness: **1.0mm**, Purity: 99.999%, Condition: Single crystal, Size: 14x14 mm to 25x25 mm

SI003121 Thickness: **1.0mm**, Purity: 99.999%, Condition: Polycrystalline, Size: 52x52 mm



Sputtering Target

SI009300 Thickness: **3.0mm**, Purity: 99.999%, Size: 50.8 mm to 75 mm

SI009600 Thickness: **6.0mm**, Purity: 99.999%, Size: 50.8 mm to 101.6 mm



Rod

SI007905 Diameter: **2.0mm**, Purity: 99.999%, Condition: Crystalline, Length: 10 mm to 100 mm

SI007908 Diameter: **3.15mm**, Purity: 99.999%, Condition: Single crystal - Random orientation, Length: 25 mm to 50 mm

SI007915 Diameter: **5mm**, Purity: 99.999%, Condition: Single crystal, Oriented: (100), Length: 50 mm

SI007916 Diameter: **5mm**, Purity: 99.999%, Condition: Single crystal, Oriented: (111), Length: 50 mm

SI007910 Diameter: **5.0mm**, Purity: 99.999%, Condition: Crystalline, Length: 50 mm to 100 mm

SI007926 Diameter: **12.7mm**, Purity: 99.999%, Condition: Single crystal - Random orientation, Length: 100 mm

SI007931 Diameter: **20mm**, Purity: 99.999%, Condition: Single crystal, Oriented: (111), Length: 40 mm

SI007930 Diameter: **20mm**, Purity: 99.999%, Condition: Single crystal, Oriented: (100), Length: 40 mm to 80 mm

SI007940 Diameter: **25mm**, Purity: 99.999%, Condition: Crystalline, Length: 100 mm



Powder

SI006015 Max. Particle size: **45micron**, Purity: 99.5%

SI006030 Max. Particle size: **45micron**, High Purity: 99.998%

SI006010 Max. Particle size: **150micron**, Purity: 97.5%



Lump

SI006102 Max. Lump size: **25mm**, Purity: 99.95%, Condition: Polycrystalline

SI006101 Max. Lump size: **25mm**, Purity: 99.99%, Condition: Polycrystalline

SI006100 Max. Lump size: **25mm**, Purity: 99.9995%, Condition: Polycrystalline



Single Crystal

SI002010 Oriented: **(100)**, Diameter: 76.2mm, Purity: 99.999%, Thickness: 0.38mm, Dopant: Phosphorous, Electrical type: N-Type

SI002090 Oriented: **(100)**, Diameter: 76.2mm, Purity: 99.999%, Length: 2.0mm, Dopant: Phosphorous, Electrical type: N-Type

SI002012 Oriented: **(100)**, Diameter: 76.2mm, Purity: 99.999%, Thickness: 0.38mm, Dopant: Boron, Electrical type: P-type

SI002015 Oriented: **(100)**, Diameter: 150mm, Purity: 99.999%, Thickness: 0.65mm, Dopant: Phosphorous, Electrical type: N-Type

SI002011 Oriented: **(111)**, Diameter: 76.2mm, Purity: 99.999%, Thickness: 0.38mm, Dopant: Phosphorous, Electrical type: N-Type

SI002050 Oriented: **(111)**, Diameter: 76.2mm, Purity: 99.999%, Thickness: 0.50mm, Dopant: Phosphorous, Electrical type: N-Type

SI002076 Oriented: **(111)**, Diameter: 76.2mm, Purity: 99.999%, Thickness: 0.75mm, Dopant: Phosphorous, Electrical type: N-Type

SI002013 Oriented: **(111)**, Diameter: 76.2mm, Purity: 99.999%, Thickness: 0.38mm, Dopant: Boron, Electrical type: P-type

Silver (Ag)



Microfoil

AG004500 Thickness: **0.1µm**, Specific density: 110 µg.cm⁻², Purity: 99.95+ %, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm

Metals

AG004600 Thickness: **0.25µm**, Specific density: 262.3 µg.cm⁻², Purity: 99.95+%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm

AG004700 Thickness: **0.5µm**, Specific density: 522.6 µg.cm⁻², Purity: 99.95+%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm

AG004850 Thickness: **1.0µm**, Specific density: 1098 µg.cm⁻², Purity: 99.95+%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm



Foil

AG000090 Thickness: **0.001mm**, Purity: 99.97%

AG000100 Thickness: **0.002mm**, Purity: 99.97%

AG000110 Thickness: **0.0025mm**, Purity: 99.97%, Diameter: 4 mm to 15 mm

AG000215 Thickness: **0.003mm**, Purity: 99.9%, Coil width 150 mm Length : 0.2 m to 0.5 m

AG000120 Thickness: **0.004mm**, Purity: 99.97%, Diameter: 4 mm to 25 mm

AG000130 Thickness: **0.005mm**, Purity: 99.97%, Diameter: 4 mm to 25 mm

AG000140 Thickness: **0.006mm**, Purity: 99.97%, Diameter: 4 mm to 25 mm

AG000150 Thickness: **0.007mm**, Purity: 99.97%, Diameter: 4 mm to 25 mm

AG000160 Thickness: **0.008mm**, Purity: 99.97%, Diameter: 4 mm to 25 mm

AG000170 Thickness: **0.009mm**, Purity: 99.97%, Diameter: 4 mm to 25 mm

AG000220 Thickness: **0.01mm**, Purity: 99.9%, Coil width 150 mm Length : 0.2 m to 1 m

AG000241 Thickness: **0.0125mm**, Purity: 99.95+%, Coil width 9 mm Length : 0.5 m to 10 m

AG000240 Thickness: **0.0125mm**, Purity: 99.95+%, Coil width 100 mm Length : 0.5 m to 2 m

AG000250 Thickness: **0.015mm**, Purity: 99.95+%, Coil width 100 mm Length : 0.5 m to 2 m

AG000180 Thickness: **0.015mm**, Purity: 99.97%, Diameter: 4 mm to 25 mm

AG000190 Thickness: **0.02mm**, Purity: 99.97%, Diameter: 4 mm to 25 mm

AG000260 Thickness: **0.025mm**, Purity: 99.95+%, Temper: As rolled, Coil width 100 mm Length : 0.5 m to 2 m

AG000265 Thickness: **0.025mm**, Purity: 99.95+%, Temper: Annealed, Coil width 250 mm, Size: 250x300 mm

AG000266 Thickness: **0.025mm**, Purity: 99.95+%, Temper: Annealed, Coil width 300 mm, Size: 150x150 mm to 300x300 mm

AG000270 Thickness: **0.025mm**, High Purity: 99.99+%, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 150x150 mm

AG000280 Thickness: **0.035mm**, Purity: 99.95+%, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 150x150 mm

AG000281 Thickness: **0.035mm**, Purity: 99.95+%, Temper: As rolled, Coil width 300 mm, Size: 300x300 mm

AG000300 Thickness: **0.05mm**, Purity: 99.95+%, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 150x300 mm

AG000305 Thickness: **0.05mm**, Purity: 99.95+%, Temper: Annealed, Coil width 300 mm, Size: 300x300 mm

AG000340 Thickness: **0.075mm**, Purity: 99.95+%, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 150x300 mm

AG000350 Thickness: **0.1mm**, Purity: 99.95+%, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 150x150 mm

AG000351 Thickness: **0.1mm**, Purity: 99.95+%, Temper: Annealed, Coil width 300 mm, Size: 300x300 mm

AG000400 Thickness: **0.125mm**, Purity: 99.95+%, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 150x300 mm

AG000401 Thickness: **0.125mm**, Purity: 99.95+%, Temper: Annealed, Coil width 150 mm, Size: 25x25 mm to 150x300 mm

AG000360 Thickness: **0.125mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 150x150 mm

AG000410 Thickness: **0.15mm**, Purity: 99.95+%, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 150x150 mm

AG000450 Thickness: **0.25mm**, Purity: 99.95+%, Temper: As rolled, Size: 25x25 mm to 150x150 mm

AG000451 Thickness: **0.25mm**, Purity: 99.95+%, Temper: As rolled, Condition: Flat, Size: 250x300 mm to 300x1000 mm

AG000460 Thickness: **0.25mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 150x150 mm

AG000466 Thickness: **0.5mm**, Purity: 99.95+%, Temper: As rolled, Diameter: 19 mm

AG000465 Thickness: **0.5mm**, Purity: 99.95+%, Temper: As rolled, Size: 25x25 mm to 150x150 mm

AG000470 Thickness: **0.5mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 150x150 mm

AG000475 Thickness: **1.0mm**, Purity: 99.95+%, Temper: As rolled, Size: 25x25 mm to 150x150 mm

AG000480 Thickness: **1.0mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 100x100 mm

AG000500 Thickness: **2.0mm**, Purity: 99.95+%, Temper: As rolled, Size: 25x25 mm to 150x150 mm

AG000530 Thickness: **3mm**, Purity: 99.95+%, Temper: As rolled, Size: 50x50 mm to 100x100 mm

AG000550 Thickness: **6mm**, Purity: 99.95+%, Temper: As rolled, Size: 50x50 mm to 100x100 mm



Sputtering Target

AG009300 Thickness: **3.0mm**, Purity: 99.99%, Size: 50 mm to 75 mm

AG009600 Thickness: **6.0mm**, Purity: 99.99%, Size: 50 mm to 75 mm



Mesh

AG008710 Nominal Aperture: **0.25mm**, Wire diameter: 0.06mm, Wires/inch: 82x82, Open area: 65%, Type: Plain weave mesh, Size: 20x20 mm to 100x100 mm



Wire

AG005102 Diameter: **0.0125mm**, Purity: 99.99%, Temper: Hard

Metals

- AG005104** Diameter: **0.015mm**, Purity: 99.99%, Temper: Hard
- AG005106** Diameter: **0.015mm**, Purity: 99.99%, Temper: Annealed
- AG005205** Diameter: **0.025mm**, Purity: 99.99%, Condition: Gold plated wire
- AG005105** Diameter: **0.025mm**, Purity: 99.99%, Temper: As drawn
- AG005220** Diameter: **0.050mm**, Purity: 99.99%, Condition: Gold plated wire
- AG005110** Diameter: **0.05mm**, Purity: 99.99%, Temper: Annealed
- AG005120** Diameter: **0.125mm**, Purity: 99.99%, Temper: Annealed
- AG005130** Diameter: **0.25mm**, Purity: 99.99%, Temper: Annealed
- AG005140** Diameter: **0.25mm**, High Purity: 99.99 + %, Temper: As drawn
- AG005150** Diameter: **0.5mm**, Purity: 99.99%, Temper: Annealed
- AG005155** Diameter: **0.8mm**, Purity: 99.99%, Temper: As drawn
- AG005160** Diameter: **1.0mm**, Purity: 99.99%, Temper: Annealed
- AG005170** Diameter: **2.0mm**, Purity: 99.99%, Temper: Annealed



Insulated Wire

- AG005816** Conductor diameter: **0.025mm**, Insulation thickness: 0.005mm, Purity: 99.99%, Insulation: Polyurethane
- AG005815** Conductor diameter: **0.025mm**, Insulation thickness: 0.005mm, Purity: 99.99%, Insulation: Polyester
- AG005825** Conductor diameter: **0.05mm**, Insulation thickness: 0.0075mm, Purity: 99.99%, Insulation: Polyester
- AG005810** Conductor diameter: **0.075mm**, Insulation thickness: 0.010mm, Purity: 99.99%, Insulation: PTFE
- AG005811** Conductor diameter: **0.075mm**, Insulation thickness: 0.010mm, Purity: 99.99%, Insulation: Nylon
- AG005842** Conductor diameter: **0.125mm**, Insulation thickness: 0.0125mm, Purity: 99.9%, Insulation: Polyimide
- AG005840** Conductor diameter: **0.125mm**, Insulation thickness: 0.0125mm, Purity: 99.99%, Insulation: Polyester
- AG005845** Conductor diameter: **0.125mm**, Insulation thickness: 0.015mm, Purity: 99.99%, Insulation: PTFE
- AG005856** Conductor diameter: **0.25mm**, Insulation thickness: 0.005mm, Purity: 99.99%, Insulation: Polyurethane
- AG005860** Conductor diameter: **0.25mm**, Insulation thickness: 0.015mm, Purity: 99.99%, Insulation: Epoxy
- AG005850** Conductor diameter: **0.25mm**, Insulation thickness: 0.023mm, Purity: 99.99%, Insulation: Polyester
- AG005855** Conductor diameter: **0.25mm**, Insulation thickness: 0.024mm, Purity: 99.99%, Insulation: PTFE



Rod

- AG007902** Diameter: **1.0mm**, Purity: 99.95 + %, Temper: As drawn, Length: 100 mm to 1000 mm
- AG007905** Diameter: **1.5mm**, Purity: 99.95 + %, Temper: As drawn, Length: 100 mm to 1000 mm
- AG007910** Diameter: **2.0mm**, Purity: 99.95 + %, Temper: As drawn, Length: 100 mm to 1000 mm
- AG007915** Diameter: **3.5mm**, Purity: 99.95 + %, Temper: As drawn, Length: 100 mm to 1000 mm
- AG007920** Diameter: **5.0mm**, Purity: 99.95 + %, Temper: As drawn, Length: 100 mm to 1000 mm
- AG007935** Diameter: **7.0mm**, High Purity: 99.99 + %, Temper: As drawn, Length: 100 mm to 1000 mm
- AG007940** Diameter: **10.0mm**, Purity: 99.95 + %, Temper: As drawn, Length: 50 mm to 500 mm
- AG007942** Diameter: **12.7mm**, Purity: 99.95 + %, Temper: As drawn, Length: 50 mm to 200 mm
- AG007945** Diameter: **16mm**, Purity: 99.95 + %, Temper: As drawn, Length: 50 mm to 200 mm
- AG007950** Diameter: **20.0mm**, Purity: 99.95 + %, Temper: As drawn, Length: 25 mm to 500 mm
- AG007955** Diameter: **25mm**, Purity: 99.95 + %, Temper: As drawn, Length: 25 mm to 100 mm
- AG007958** Diameter: **35mm**, Purity: 99.95 + %, Temper: As drawn, Length: 100 mm
- AG007960** Diameter: **50.0mm**, Purity: 99.95 + %, Temper: As drawn, Length: 25 mm to 100 mm



Tube

- AG007050** Outside Diameter: **0.7mm**, Wall Thickness: 0.2mm, Purity: 99.95 + %, Inside Diameter: 0.3mm, Temper: As drawn, Length: 100 mm to 1000 mm
- AG007100** Outside Diameter: **1.1mm**, Wall Thickness: 0.175mm, Purity: 99.95 + %, Inside Diameter: 0.75mm, Temper: As drawn, Length: 100 mm to 1000 mm
- AG007130** Outside Diameter: **1.64mm**, Wall Thickness: 0.275mm, Purity: 99.95 + %, Inside Diameter: 1.09mm, Temper: As drawn, Length: 16.5 mm
- AG007150** Outside Diameter: **1.75mm**, Wall Thickness: 0.1mm, Purity: 99.95 + %, Inside Diameter: 1.55mm, Temper: As drawn, Length: 100 mm to 1000 mm
- AG007200** Outside Diameter: **2.0mm**, Wall Thickness: 0.2mm, Purity: 99.95 + %, Inside Diameter: 1.6mm, Temper: As drawn, Length: 100 mm to 1000 mm
- AG007220** Outside Diameter: **2.8mm**, Wall Thickness: 0.15mm, Purity: 99.95 + %, Inside Diameter: 2.5mm, Temper: As drawn, Length: 100 mm to 1000 mm
- AG007230** Outside Diameter: **3.5mm**, Wall Thickness: 0.23mm, Purity: 99.95 + %, Inside Diameter: 3.04mm, Temper: As drawn, Length: 100 mm to 1000 mm
- AG007250** Outside Diameter: **4.65mm**, Wall Thickness: 0.25mm, Purity: 99.95 + %, Inside Diameter: 4.15mm, Temper: As drawn, Length: 100 mm to 1000 mm
- AG007251** Outside Diameter: **4.65mm**, Wall Thickness: 0.21mm, Purity: 99.95 + %, Inside Diameter: 4.23mm, Temper: As drawn, Length: 100 mm to 1000 mm

Metals

- AG007260** Outside Diameter: **5.0mm**, Wall Thickness: 0.25mm, Purity: 99.95+%, Inside Diameter: 4.5mm, Temper: As drawn, Length: 100 mm to 1000 mm
- AG007300** Outside Diameter: **6.0mm**, Wall Thickness: 1.0mm, Purity: 99.95+%, Inside Diameter: 4mm, Temper: As drawn, Length: 100 mm to 1000 mm
- AG007400** Outside Diameter: **8.0x5.0mm**, Wall Thickness: 1mm, Purity: 99.95+%, Inside Diameter: 6x3mm, Condition: Rectangular section, Length: 100 mm to 500 mm
- AG007350** Outside Diameter: **10.0mm**, Wall Thickness: 1.0mm, Purity: 99.95+%, Inside Diameter: 8mm, Temper: As drawn, Length: 50 mm to 500 mm



Powder

- AG006030** Max. Particle size: **2micron**, Purity: 99.97+%
- AG006023** Max. Particle size: **45micron**, Purity: 99.99%
- AG006022** Max. Particle size: **60micron**, Purity: 99.99%



Lump

- AG006100** Max. Lump size: **3mm**, High Purity: 99.999%, Condition: Shot
- AG006105** Max. Lump size: **6mm**, Purity: 99.99%, Condition: Pellets
- AG006110** Max. Lump size: **10mm**, Purity: 99.99%, Condition: Shot
- AG006106** Max. Lump size: **20mm**, Purity: 99.99%, Condition: Pellets



Sphere

- AG006840** Diameter: **0.5mm**



Single Crystal

- AG002110** Oriented: **(100)**, Diameter: 10mm, Purity: 99.999%, Length: 2mm
- AG002119** Oriented: **(100)**, Diameter: 12mm, Purity: 99.999%, Length: 10mm
- AG002120** Oriented: **(100)**, Diameter: 12mm, Purity: 99.999%, Length: 25mm
- AG002121** Oriented: **(100)**, Diameter: 12mm, Purity: 99.999%, Length: 50mm

Sodium (Na)



Lump

- NA006100** Max. Lump size: **200mm**, Condition: Sticks, Packing Note: Packed in Oil

Tantalum (Ta)



Microfoil

- TA004500** Thinness: **0.1µm**, Specific density: 166 µg.cm⁻², Purity: 99.9%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm



Foil

- TA000070** Thickness: **0.0005mm**, Purity: 99.9%
- TA000080** Thickness: **0.001mm**, Purity: 99.9%
- TA000090** Thickness: **0.0015mm**, Purity: 99.9%
- TA000100** Thickness: **0.002mm**, Purity: 99.9%
- TA000110** Thickness: **0.0025mm**, Purity: 99.9%
- TA000120** Thickness: **0.003mm**, Purity: 99.9%
- TA000130** Thickness: **0.004mm**, Purity: 99.9%

- TA000140** Thickness: **0.005mm**, Purity: 99.9%
- TA000260** Thickness: **0.006mm**, Purity: 99.9%, Coil width 82 mm, Size: 25x25 mm to 82x100 mm
- TA000280** Thickness: **0.0075mm**, Purity: 99.9%, Coil width 108 mm, Size: 25x25 mm to 100x100 mm
- TA000285** Thickness: **0.009mm**, Purity: 99.9%, Coil width 108 mm, Size: 25x25 mm to 100x100 mm
- TA000290** Thickness: **0.01mm**, Purity: 99.9%, Coil width 120 mm, Size: 25x25 mm to 100x100 mm
- TA000300** Thickness: **0.0125mm**, Purity: 99.9%, Coil width 114 mm, Size: 25x25 mm to 200x200 mm
- TA000320** Thickness: **0.015mm**, Purity: 99.9%, Coil width 120 mm, Size: 25x25 mm to 100x100 mm
- TA000190** Thickness: **0.02mm**, Purity: 99.9%, Size: 25x25 mm to 100x100 mm
- TA000352** Thickness: **0.025mm**, Purity: 99.9%, Temper: Annealed, Ribbon width 0.75 mm Length : 0.5 m to 10 m
- TA000349** Thickness: **0.025mm**, Purity: 99.9%, Temper: As rolled, Tolerance: 20%, Coil width 120 mm, Size: 25x25 mm to 120x120 mm
- TA000353** Thickness: **0.03mm**, Purity: 99.9%, Temper: Annealed, Ribbon width 0.75 mm Length : 0.5 m to 10 m
- TA000348** Thickness: **0.03mm**, Purity: 99.9%, Temper: As rolled, Tolerance: 20%, Coil width 150 mm, Size: 25x25 mm to 150x150 mm
- TA000356** Thickness: **0.04mm**, Purity: 99.9%, Temper: As rolled, Ribbon width 0.65 mm Length : 0.5 m to 10 m
- TA000355** Thickness: **0.04mm**, Purity: 99.9%, Temper: Annealed, Ribbon width 0.7 mm Length : 0.5 m to 10 m
- TA000357** Thickness: **0.04mm**, Purity: 99.9%, Temper: Annealed, Coil width 1 mm Length : 0.2 m to 10 m
- TA000360** Thickness: **0.05mm**, Purity: 99.9%, Temper: Annealed, Tolerance: 20%, Coil width 150 mm, Size: 25x25 mm to 150x300 mm
- TA000384** Thickness: **0.075mm**, Purity: 99.9%, Temper: Annealed, Coil width 150 mm, Size: 25x25 mm to 150x300 mm
- TA000410** Thickness: **0.100mm**, Purity: 99.9%, Temper: Annealed, Size: 25x25 mm to 150x150 mm
- TA000424** Thickness: **0.125mm**, Purity: 99.9%, Temper: Annealed, Size: 25x25 mm to 150x150 mm
- TA000450** Thickness: **0.15mm**, Purity: 99.9%, Temper: Annealed, Tolerance: 20%, Size: 25x25 mm to 150x150 mm
- TA000460** Thickness: **0.20mm**, Purity: 99.9%, Temper: Annealed, Size: 25x25 mm to 100x100 mm
- TA000461** Thickness: **0.20mm**, Purity: 99.9%, Temper: Annealed, Size: 150x150 mm to 300x400 mm
- TA000470** Thickness: **0.25mm**, Purity: 99.9%, Temper: Annealed, Size: 25x25 mm to 100x100 mm
- TA000471** Thickness: **0.25mm**, Purity: 99.9%, Temper: Annealed, Size: 150x150 mm to 300x1000 mm
- TA000472** Thickness: **0.25mm**, Purity: 99.99%, Temper: Annealed, Size: 25x25 mm to 100x100 mm
- TA000480** Thickness: **0.5mm**, Purity: 99.9%, Temper: Annealed, Size: 25x25 mm to 100x100 mm
- TA000481** Thickness: **0.5mm**, Purity: 99.9%, Temper: Annealed, Size: 150x150 mm to 500x1000 mm
- TA000482** Thickness: **0.5mm**, Purity: 99.99%, Temper: Annealed, Size: 25x25 mm to 100x100 mm

Metals

- TA000485** Thickness: **0.75mm**, Purity: 99.9%, Temper: Annealed, Size: 25x25 mm to 100x100 mm
- TA000486** Thickness: **0.75mm**, Purity: 99.9%, Temper: Annealed, Size: 150x150 mm to 500x1000 mm
- TA000490** Thickness: **1.0mm**, Purity: 99.9%, Temper: Annealed, Size: 25x25 mm to 100x100 mm
- TA000491** Thickness: **1.0mm**, Purity: 99.9%, Temper: Annealed, Size: 150x150 mm to 500x1000 mm
- TA000520** Thickness: **1.5mm**, Purity: 99.9%, Temper: Annealed, Size: 50x50 mm to 100x100 mm
- TA000521** Thickness: **1.5mm**, Purity: 99.9%, Temper: Annealed, Size: 150x150 mm to 500x1000 mm
- TA000550** Thickness: **2.0mm**, Purity: 99.9%, Temper: Annealed, Size: 25x25 mm to 100x100 mm
- TA000551** Thickness: **2.0mm**, Purity: 99.9%, Temper: Annealed, Size: 150x150 mm to 500x1000 mm
- TA000555** Thickness: **2.0mm**, High Purity: 99.999%, Size: 25x25 mm to 50x50 mm
- TA000580** Thickness: **3.0mm**, Purity: 99.9%, Temper: Annealed, Size: 50x50 mm to 300x300 mm
- TA000585** Thickness: **4.0mm**, Purity: 99.9%, Temper: Annealed, Size: 50x50 mm to 100x100 mm
- TA000586** Thickness: **5.0mm**, Purity: 99.9%, Temper: Annealed, Size: 50x50 mm to 100x100 mm
- TA000590** Thickness: **6.0mm**, Purity: 99.9%, Size: 50x50 mm to 150x150 mm



Sputtering Target

- TA009300** Thickness: **3.0mm**, Purity: 99.9%, Size: 25.4 mm to 75 mm
- TA009600** Thickness: **6.0mm**, Purity: 99.9%, Size: 25.4 mm to 76.2 mm



Mesh

- TA008710** Nominal Aperture: **0.43mm**, Wire diameter: 0.075mm, Wires/inch: 50x50, Open area: 72%, Type: Plain weave mesh, Size: 40x40 mm to 150x150 mm



Wire

- TA005100** Diameter: **0.025mm**, Purity: 99.9%, Temper: As drawn
- TA005110** Diameter: **0.05mm**, Purity: 99.9%, Temper: Annealed
- TA005120** Diameter: **0.125mm**, Purity: 99.9%, Temper: Annealed
- TA005130** Diameter: **0.25mm**, Purity: 99.9%, Temper: Annealed
- TA005135** Diameter: **0.30mm**, Purity: 99.9%, Temper: Annealed
- TA005140** Diameter: **0.40mm**, Purity: 99.9%, Temper: Annealed
- TA005150** Diameter: **0.5mm**, Purity: 99.9%, Temper: Annealed
- TA005155** Diameter: **0.8mm**, Purity: 99.9%, Temper: Annealed
- TA005160** Diameter: **1.0mm**, Purity: 99.9%, Temper: Annealed



Rod

- TA007910** Diameter: **1.0mm**, Purity: 99.9%, Length: 100 mm to 1000 mm
- TA007915** Diameter: **1.5mm**, Purity: 99.9%, Temper: Annealed, Length: 100 mm to 1000 mm

- TA007917** Diameter: **1.7mm**, Purity: 99.9%, Temper: Annealed, Length: 100 mm to 1000 mm
- TA007920** Diameter: **2.0mm**, Purity: 99.9%, Temper: Annealed, Length: 100 mm to 1000 mm
- TA007926** Diameter: **3.0mm**, Purity: 99.9%, Temper: Annealed, Length: 100 mm to 1000 mm
- TA007930** Diameter: **5.0mm**, Purity: 99.9%, Temper: Annealed, Length: 100 mm to 500 mm
- TA007935** Diameter: **6.35mm**, Purity: 99.9%, Temper: Annealed, Length: 50 mm to 200 mm
- TA007940** Diameter: **10.0mm**, Purity: 99.9%, Temper: Annealed, Length: 50 mm to 200 mm
- TA007945** Diameter: **16mm**, Purity: 99.9%, Temper: As drawn, Length: 25 mm to 100 mm
- TA007948** Diameter: **18mm**, Purity: 99.9%, Temper: Annealed, Length: 25 mm to 100 mm
- TA007950** Diameter: **20.0mm**, Purity: 99.9%, Temper: Annealed, Length: 25 mm to 100 mm
- TA007955** Diameter: **25mm**, Purity: 99.9%, Length: 100 mm
- TA007961** Diameter: **30mm**, Purity: 99.9%, Length: 100 mm
- TA007960** Diameter: **30.0mm**, Purity: 99.9%, Condition: Forged, Temper: Unannealed, Length: 25 mm to 50 mm
- TA007970** Diameter: **40.0mm**, Purity: 99.9%, Condition: Forged, Temper: Unannealed, Length: 52 mm
- TA007972** Diameter: **50mm**, Purity: 99.9%, Length: 100 mm
- TA007975** Diameter: **75mm**, Purity: 99.9%, Length: 100 mm
- TA007995** Diameter: **100mm**, Purity: 99.9%, Length: 100 mm



Tube

- TA007030** Outside Diameter: **0.31mm**, Wall Thickness: 0.06mm, Purity: 99.9%, Inside Diameter: 0.19mm, Temper: As drawn, Length: 100 mm to 1000 mm
- TA007050** Outside Diameter: **0.51mm**, Wall Thickness: 0.15mm, Purity: 99.9%, Inside Diameter: 0.21mm, Temper: As drawn, Length: 100 mm to 1000 mm
- TA007055** Outside Diameter: **0.80mm**, Wall Thickness: 0.15mm, Purity: 99.9%, Inside Diameter: 0.50mm, Temper: As drawn, Length: 100 mm to 1000 mm
- TA007060** Outside Diameter: **1.02mm**, Wall Thickness: 0.08mm, Purity: 99.9%, Inside Diameter: 0.86mm, Temper: As drawn, Length: 100 mm to 500 mm
- TA007070** Outside Diameter: **1.05mm**, Wall Thickness: 0.2mm, Purity: 99.9%, Inside Diameter: 0.65mm, Temper: As drawn, Length: 100 mm to 1000 mm
- TA007100** Outside Diameter: **2.0mm**, Wall Thickness: 0.5mm, Purity: 99.9%, Inside Diameter: 1mm, Temper: As drawn, Length: 100 mm to 1000 mm
- TA007090** Outside Diameter: **2.0mm**, Wall Thickness: 0.3mm, Purity: 99.9%, Inside Diameter: 1.4mm, Temper: As drawn, Length: 100 mm to 1000 mm
- TA007095** Outside Diameter: **2.1mm**, Wall Thickness: 0.25mm, Purity: 99.9%, Inside Diameter: 1.6mm, Temper: As drawn, Length: 100 mm to 1000 mm

Metals

- TA007200** Outside Diameter: **3.0mm**, Wall Thickness: 0.5mm, Purity: 99.9%, Inside Diameter: 2mm, Temper: As drawn, Length: 100 mm to 1000 mm
- TA007220** Outside Diameter: **3.1mm**, Wall Thickness: 0.25mm, Purity: 99.9%, Inside Diameter: 2.6mm, Temper: As drawn, Length: 100 mm to 1000 mm
- TA007250** Outside Diameter: **3.5mm**, Wall Thickness: 0.2mm, Purity: 99.9%, Inside Diameter: 3.1mm, Temper: As drawn, Length: 100 mm to 1000 mm
- TA007300** Outside Diameter: **5.0mm**, Wall Thickness: 0.3mm, Purity: 99.9%, Inside Diameter: 4.4mm, Temper: As drawn, Length: 100 mm to 500 mm
- TA007320** Outside Diameter: **6.35mm**, Wall Thickness: 1mm, Purity: 99.9%, Inside Diameter: 4.35mm, Temper: As drawn, Length: 50 mm to 200 mm
- TA007350** Outside Diameter: **7.0mm**, Wall Thickness: 0.15mm, Purity: 99.9%, Inside Diameter: 6.7mm, Temper: As drawn, Length: 100 mm to 1000 mm
- TA007450** Outside Diameter: **8.0mm**, Wall Thickness: 2mm, Purity: 99.9%, Inside Diameter: 4.0mm, Temper: Annealed, Length: 50 mm to 100 mm
- TA007501** Outside Diameter: **8.7mm**, Wall Thickness: 0.18mm, Purity: 99.9%, Inside Diameter: 8.34mm, Temper: As drawn, Length: 100 mm to 1000 mm
- TA007530** Outside Diameter: **9.5mm**, Wall Thickness: 0.5mm, Purity: 99.9%, Inside Diameter: 8.5mm, Temper: As drawn, Length: 50 mm to 200 mm
- TA007550** Outside Diameter: **10.0mm**, Wall Thickness: 0.8mm, Purity: 99.9%, Inside Diameter: 8.4mm, Temper: As drawn, Length: 50 mm to 200 mm
- TA007600** Outside Diameter: **12.7mm**, Wall Thickness: 0.5mm, Purity: 99.9%, Inside Diameter: 11.7mm, Temper: Annealed, Length: 50 mm to 200 mm
- TA007800** Outside Diameter: **20mm**, Wall Thickness: 0.5mm, Purity: 99.9%, Inside Diameter: 19mm, Length: 120 mm

Powder

- TA006030** Max. Particle size: **75micron**, Purity: 99.9%
- TA006015** Max. Particle size: **150micron**, Min. Particle size: 45micron, Purity: 99.9%
- TA006010** Max. Particle size: **350micron**, Min. Particle size: 45micron, Purity: 99.9%

Lump

- TA006100** Max. Lump size: **10mm**, Purity: 99.9%, Condition: Pellets

Sphere

- TA006810** Diameter: **1.0mm**, Purity: 99.9%

Single Crystal

- TA002105** Oriented: **(100)**, Diameter: 10mm, Purity: 99.99%, Length: 2mm
- TA002119** Oriented: **(100)**, Diameter: 12mm, Purity: 99.99%, Length: 10mm
- TA002120** Oriented: **(100)**, Diameter: 12mm, Purity: 99.99%, Length: 25mm
- TA002121** Oriented: **(100)**, Diameter: 12mm, Purity: 99.99%, Length: 50mm
- TA002059** Oriented: **(110)**, Diameter: 6mm, Purity: 99.99%, Length: 10mm
- TA002060** Oriented: **(110)**, Diameter: 6mm, Purity: 99.99%, Length: 25mm

- TA002061** Oriented: **(110)**, Diameter: 6mm, Purity: 99.99%, Length: 50mm
- TA002109** Oriented: **(110)**, Diameter: 12mm, Purity: 99.99%, Length: 10mm
- TA002110** Oriented: **(110)**, Diameter: 12mm, Purity: 99.99%, Length: 25mm
- TA002111** Oriented: **(110)**, Diameter: 12mm, Purity: 99.99%, Length: 50mm
- TA002129** Oriented: **(111)**, Diameter: 12mm, Purity: 99.99%, Length: 10mm
- TA002130** Oriented: **(111)**, Diameter: 12mm, Purity: 99.99%, Length: 25mm
- TA002131** Oriented: **(111)**, Diameter: 12mm, Purity: 99.99%, Length: 50mm

Tellurium (Te)

Powder

- TE006010** Max. Particle size: **75micron**, Purity: 99.5%

Lump

- TE006105** Max. Lump size: **25mm**, Purity: 99.95%, Condition: Broken ingot
- TE006100** Max. Lump size: **25mm**, High Purity: 99.999%, Condition: Broken ingot

Terbium (Tb)

Foil

- TB000200** Thickness: **0.025mm**, Purity: 99.9%, Temper: As rolled
- TB000210** Thickness: **0.1mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 50x50 mm

Sputtering Target

- TB009100** Thickness: **1.0mm**, Purity: 99.9%, Size: 50 mm to 75 mm

Wire

- TB005110** Diameter: **1.0mm**, Purity: 99.9%, Temper: Hard

Rod

- TB007910** Diameter: **6.35mm**, Purity: 99.9%, Condition: Cast, Length: 50 mm to 100 mm

Powder

- TB006010** Max. Particle size: **500micron**, Purity: 99.9%

Lump

- TB006100** Max. Lump size: **25mm**, Purity: 99.9%

Thallium (Tl)

Rod

- TL007915** Diameter: **8.0mm**, High Purity: 99.99+%, Condition: Extruded, Length: 250 mm

Thorium (Th)

Foil

- TH000200** Thickness: **0.0125mm**, Purity: 99.5%, Condition: Natural
- TH000210** Thickness: **0.025mm**, Purity: 99.5%, Condition: Natural, Size: 25x25 mm to 100x100 mm
- TH000215** Thickness: **0.05mm**, Purity: 99.5%, Condition: Natural, Size: 25x25 mm to 100x100 mm

Metals

- TH000220** Thickness: **0.125mm**, Purity: 99.5%, Condition: Natural, Size: 25x25 mm to 100x100 mm
- TH000230** Thickness: **0.25mm**, Purity: 99.5%, Condition: Natural, Size: 25x25 mm to 100x100 mm
- TH000240** Thickness: **0.5mm**, Purity: 99.5%, Condition: Natural, Size: 25x25 mm to 100x100 mm
- TH000250** Thickness: **1.0mm**, Purity: 99.5%, Condition: Natural, Size: 25x25 mm to 25x50 mm



Wire

- TH005200** Diameter: **0.22mm**, Purity: 99.5%, Condition: Natural
- TH005250** Diameter: **0.5mm**, Purity: 99.5%, Condition: Natural
- TH005300** Diameter: **1.0mm**, Purity: 99.5%, Condition: Natural

Thulium (Tm)



Foil

- TM000205** Thickness: **0.002mm**, Purity: 99.9%, Temper: As rolled
- TM000208** Thickness: **0.005mm**, Purity: 99.9%, Temper: As rolled
- TM000200** Thickness: **0.025mm**, Purity: 99.9%, Temper: As rolled
- TM000210** Thickness: **0.1mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 50x50 mm



Sputtering Target

- TM009100** Thickness: **1.0mm**, Purity: 99.9%, Size: 50 mm to 75 mm



Wire

- TM005120** Diameter: **0.6mm**, Purity: 99.9%



Rod

- TM007910** Diameter: **6mm**, Purity: 99.9%, Condition: Cast, Length: 27 mm



Lump

- TM006100** Max. Lump size: **25mm**, Purity: 99.7%

Tin (Sn)



Microfoil

- SN004600** Thickness: **0.25µm**, Specific density: 182.5 µg.cm⁻², Purity: 99.999%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm
- SN004700** Thickness: **0.5µm**, Specific density: 365 µg.cm⁻², Purity: 99.999%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm
- SN004850** Thickness: **1.0µm**, Specific density: 730 µg.cm⁻², Purity: 99.999%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm



Foil

- SN000050** Thickness: **0.001mm**, Purity: 99.75%, Support: Temporary Acrylic
- SN000060** Thickness: **0.002mm**, Purity: 99.75%, Support: Temporary Acrylic
- SN000070** Thickness: **0.0025mm**, Purity: 99.75%, Support: Temporary Acrylic, Diameter: 4 mm to 15 mm

- SN000080** Thickness: **0.003mm**, Purity: 99.75%, Diameter: 4 mm to 15 mm
- SN000090** Thickness: **0.004mm**, Purity: 99.75%, Diameter: 4 mm to 15 mm
- SN000204** Thickness: **0.004mm**, High Purity: 99.99+%, Temper: As rolled, Diameter: 4 mm to 8 mm
- SN000100** Thickness: **0.005mm**, Purity: 99.75%, Diameter: 4 mm to 15 mm
- SN000200** Thickness: **0.006mm**, Purity: 97.4%, Coil width 200 mm Length : 1 m to 10 m
- SN000110** Thickness: **0.006mm**, Purity: 99.75%, Diameter: 4 mm to 15 mm
- SN000201** Thickness: **0.007mm**, Purity: 97.4%, Coil width 200 mm Length : 1 m to 10 m
- SN000120** Thickness: **0.007mm**, Purity: 99.75%, Diameter: 4 mm to 15 mm
- SN000130** Thickness: **0.008mm**, Purity: 99.75%, Diameter: 4 mm to 15 mm
- SN000210** Thickness: **0.009mm**, Purity: 97.4%, Coil width 200 mm Length : 0.5 m to 10 m
- SN000140** Thickness: **0.009mm**, Purity: 99.75%, Diameter: 4 mm to 15 mm
- SN000212** Thickness: **0.01mm**, Purity: 97.4%, Coil width 200 mm Length : 0.5 m to 10 m
- SN000150** Thickness: **0.01mm**, Purity: 99.75%, Diameter: 4 mm to 15 mm
- SN000220** Thickness: **0.0125mm**, Purity: 97.4%, Coil width 250 mm Length : 0.5 m to 10 m
- SN000160** Thickness: **0.0125mm**, Purity: 99.75%, Diameter: 4 mm to 15 mm
- SN000170** Thickness: **0.015mm**, Purity: 99.75%, Diameter: 4 mm to 25 mm
- SN000180** Thickness: **0.02mm**, Purity: 99.75%, Diameter: 4 mm to 25 mm
- SN000231** Thickness: **0.025mm**, Purity: 98.8%, Temper: As rolled, Coil width 300 mm Length : 0.5 m to 10 m
- SN000230** Thickness: **0.025mm**, High Purity: 99.99+%, Temper: As rolled, Diameter: 4 mm to 50 mm
- SN000232** Thickness: **0.030mm**, Purity: 97.4%, Temper: As rolled, Coil width 300 mm Length : 0.5 m to 10 m
- SN000241** Thickness: **0.05mm**, Purity: 98.8%, Temper: As rolled, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- SN000240** Thickness: **0.05mm**, High Purity: 99.99+%, Temper: As rolled, Diameter: 4 mm to 50 mm
- SN000260** Thickness: **0.058mm**, Purity: 99.95%, Temper: As rolled, Coil width 41 mm Length : 1 m to 20 m
- SN000239** Thickness: **0.06mm**, High Purity: 99.99+%, Temper: As rolled, Coil width 75 mm Length : 0.1 m to 2 m
- SN000280** Thickness: **0.072mm**, Purity: 99.95%, Temper: As rolled, Coil width 41 mm Length : 1 m to 20 m
- SN000290** Thickness: **0.075mm**, Purity: 98.8%, Temper: As rolled, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- SN000300** Thickness: **0.084mm**, Purity: 99.95%, Temper: As rolled, Coil width 41 mm Length : 1 m to 20 m
- SN000320** Thickness: **0.096mm**, Purity: 99.95%, Temper: As rolled, Coil width 41 mm Length : 1 m to 20 m
- SN000291** Thickness: **0.1mm**, Purity: 98.8%, Temper: As rolled, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

Metals

- SN000295** Thickness: **0.1mm**, Purity: 99.95%, Temper: As rolled, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- SN000350** Thickness: **0.109mm**, Purity: 99.95%, Temper: As rolled, Coil width 41 mm Length : 1 m to 20 m
- SN000331** Thickness: **0.125mm**, Purity: 98.8%, Temper: As rolled, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- SN000330** Thickness: **0.125mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 300x300 mm
- SN000390** Thickness: **0.15mm**, Purity: 98.8%, Temper: As rolled, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- SN000391** Thickness: **0.25mm**, Purity: 98.8%, Temper: As rolled, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- SN000400** Thickness: **0.25mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 150x150 mm
- SN000410** Thickness: **0.5mm**, Purity: 98.8%, Temper: As rolled, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- SN000420** Thickness: **0.5mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 150x150 mm
- SN000430** Thickness: **1.0mm**, Purity: 98.8%, Temper: As rolled, Coil width 305 mm, Size: 25x25 mm to 300x300 mm
- SN000440** Thickness: **1.0mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- SN000441** Thickness: **1.0mm**, High Purity: 99.999%, Temper: As rolled, Size: 25x25 mm to 150x150 mm
- SN000450** Thickness: **1.5mm**, High Purity: 99.99+%, Temper: As rolled, Diameter: 4 mm to 50 mm
- SN000500** Thickness: **2.0mm**, Purity: 98.8%, Temper: As rolled, Size: 25x25 mm to 300x300 mm
- SN000510** Thickness: **2.0mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 150x150 mm
- SN000520** Thickness: **3.0mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 50x50 mm
- SN000530** Thickness: **6.0mm**, High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 50x50 mm



Sputtering Target

- SN009300** Thickness: **3.0mm**, Purity: 99.99%, Size: 50 mm to 75 mm
- SN009600** Thickness: **6.0mm**, Purity: 99.99%, Size: 50 mm to 75 mm



Wire

- SN005110** Diameter: **0.25mm**, High Purity: 99.99+%, Temper: As drawn
- SN005120** Diameter: **0.5mm**, High Purity: 99.99+%, Temper: As drawn
- SN005130** Diameter: **1.0mm**, High Purity: 99.99+%, Temper: As drawn
- SN005140** Diameter: **1.5mm**, High Purity: 99.99+%, Temper: As drawn



Rod

- SN007910** Diameter: **2.0mm**, Purity: 99.75%, Condition: Extruded, Length: 100 mm to 1000 mm
- SN007915** Diameter: **2.0mm**, High Purity: 99.999+%, Length: 100 mm to 1000 mm
- SN007920** Diameter: **5.0mm**, Purity: 99.75%, Condition: Extruded, Length: 100 mm to 1000 mm
- SN007930** Diameter: **6.0mm**, High Purity: 99.999+%, Length: 50 mm to 1000 mm
- SN007940** Diameter: **9.5mm**, Purity: 99.75%, Condition: Extruded, Length: 100 mm to 1000 mm
- SN007950** Diameter: **25.0mm**, Purity: 99.75%, Condition: Extruded, Length: 100 mm to 1000 mm



Powder

- SN006020** Max. Particle size: **45micron**, Purity: 99.9%
- SN006010** Max. Particle size: **63micron**, Purity: 99.75%
- SN006030** Max. Particle size: **150micron**, High Purity: 99.999%



Lump

- SN006101** Max. Lump size: **5mm**, High Purity: 99.995%, Condition: Pellets
- SN006110** Max. Lump size: **5mm**, High Purity: 99.995%, Condition: Shot
- SN006100** Max. Lump size: **10mm**, High Purity: 99.995%, Condition: Pellets



Single Crystal

- SN002110** Oriented: **(100)**, Diameter: 10mm, Purity: 99.999%, Length: 2mm

Titanium (Ti)



Microfoil

- TI004500** Thickness: **0.1µm**, Specific density: 42.8 µg.cm⁻², Purity: 99.6+%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm
- TI004600** Thickness: **0.25µm**, Specific density: 112.6 µg.cm⁻², Purity: 99.6+%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm
- TI004700** Thickness: **0.5µm**, Specific density: 225.4 µg.cm⁻², Purity: 99.6+%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm
- TI004850** Thickness: **1.0µm**, Specific density: 429 µg.cm⁻², Purity: 99.6+%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm



Foil

- TI000205** Thickness: **0.001mm**, High Purity: 99.99+%, Temper: As rolled
- TI000090** Thickness: **0.002mm**, Purity: 99.6+%
- TI000206** Thickness: **0.002mm**, High Purity: 99.99+%, Temper: As rolled
- TI000100** Thickness: **0.0025mm**, Purity: 99.6+%
- TI000110** Thickness: **0.003mm**, Purity: 99.6+%
- TI000121** Thickness: **0.004mm**, Purity: 99.6+%, Diameter: 4 mm to 15 mm
- TI000210** Thickness: **0.005mm**, Purity: 99.6+%, Diameter: 4 mm to 25 mm
- TI000208** Thickness: **0.005mm**, High Purity: 99.99+%, Temper: As rolled

Metals

TI000140	Thickness: 0.006mm , Purity: 99.6+%, Diameter: 4 mm to 15 mm
TI000150	Thickness: 0.007mm , Purity: 99.6+%, Diameter: 4 mm to 25 mm
TI000211	Thickness: 0.008mm , Purity: 99.6+%, Coil width 104 mm Length : 0.2 m to 0.3 m
TI000160	Thickness: 0.008mm , Purity: 99.6+%, Diameter: 4 mm to 25 mm
TI000170	Thickness: 0.009mm , Purity: 99.6+%, Diameter: 4 mm to 25 mm
TI000180	Thickness: 0.01mm , Purity: 99.6+%, Diameter: 4 mm to 25 mm
TI000213	Thickness: 0.010mm , Purity: 99.6+%, Coil width 150 mm Length : 0.2 m to 1 m
TI000212	Thickness: 0.01mm , High Purity: 99.99+%, Temper: As rolled, Diameter: 4 mm to 25 mm
TI000215	Thickness: 0.012mm , Purity: 99.6+%, Coil width 200 mm Length : 0.2 m to 1 m
TI000220	Thickness: 0.0125mm , Purity: 99.6+%, Temper: Annealed, Coil width 279 mm Length : 0.5 m to 1 m
TI000230	Thickness: 0.015mm , Purity: 99.6+%, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
TI000251	Thickness: 0.02mm , Purity: 99.6+%, Coil width 200 mm, Size: 25x25 mm to 200x300 mm
TI000290	Thickness: 0.025mm , Purity: 99.6+%, Temper: Annealed, Coil width 280 mm, Size: 25x25 mm to 280x300 mm
TI000295	Thickness: 0.025mm , High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
TI000300	Thickness: 0.03mm , Purity: 99.6+%, Temper: Annealed, Coil width 200 mm, Size: 25x25 mm to 200x300 mm
TI000310	Thickness: 0.05mm , Purity: 99.6+%, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
TI000315	Thickness: 0.05mm , High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
TI000350	Thickness: 0.075mm , Purity: 99.6+%, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
TI000370	Thickness: 0.1mm , Purity: 99.6+%, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
TI000380	Thickness: 0.125mm , Purity: 99.6+%, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
TI000385	Thickness: 0.125mm , High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
TI000382	Thickness: 0.140mm , Purity: 99.6+%, Temper: Annealed, Coil width 160 mm, Size: 25x25 mm to 160x300 mm
TI000410	Thickness: 0.25mm , Purity: 99.6+%, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
TI000416	Thickness: 0.3mm , Purity: 99.6+%, Temper: Annealed, Coil width 300 mm, Size: 100x100 mm to 300x300 mm
TI000423	Thickness: 0.5mm , Purity: 99.6+%, Condition: Ion Implanted, Size: 50x50 mm
TI000421	Thickness: 0.5mm , Purity: 99.6+%, Surface treatment: Titanium Nitride coating 2-3 microns, Size: 25x25 mm to 45x49 mm

TI000420	Thickness: 0.5mm , Purity: 99.6+%, Temper: Annealed, Size: 25x25 mm to 300x300 mm
TI000422	Thickness: 0.7mm , Purity: 99.6+%, Temper: Annealed, Size: 25x25 mm to 500x500 mm
TI000431	Thickness: 1.0mm , Purity: 99.6+%, Surface treatment: Titanium Nitride coating 2-3 microns, Size: 25x25 mm to 100x100 mm
TI000430	Thickness: 1.0mm , Purity: 99.6+%, Temper: Annealed, Size: 25x25 mm to 500x500 mm
TI000432	Thickness: 1.0mm , High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
TI000433	Thickness: 1.0mm , High Purity: 99.999%, Temper: As rolled, Size: 25x25 mm to 50x50 mm
TI000436	Thickness: 1.20mm , Purity: 99.6+%, Temper: Annealed, Size: 150x150 mm to 300x300 mm
TI000437	Thickness: 1.5mm , Purity: 99.6+%, Temper: Annealed, Size: 25x25 mm to 300x300 mm
TI000441	Thickness: 2.0mm , Purity: 99.6+%, Surface treatment: Titanium Nitride coating 2-3 microns, Size: 25x25 mm to 100x100 mm
TI000440	Thickness: 2.0mm , Purity: 99.6+%, Temper: Annealed, Size: 25x25 mm to 500x500 mm
TI000460	Thickness: 3.0mm , Purity: 99.6+%, Temper: Annealed, Size: 50x50 mm to 300x300 mm
TI000500	Thickness: 3.2mm , High Purity: 99.99+%, Temper: As rolled, Size: 25x25 mm to 100x100 mm



Sheet

TI003150	Thickness: 5.0mm , Purity: 99.6+%, Size: 150x150 mm to 300x300 mm
TI003200	Thickness: 7.0mm , Purity: 99.6+%, Size: 150x150 mm to 300x300 mm
TI003250	Thickness: 12.0mm , Purity: 99.6+%, Size: 150x150 mm to 300x300 mm



Sputtering Target

TI009301	Thickness: 3.0mm , Purity: 99.6+%, Size: 50 mm to 75 mm
TI009300	Thickness: 3.0mm , High Purity: 99.99+%, Size: 50 mm to 75 mm
TI009600	Thickness: 6.0mm , High Purity: 99.99+%, Size: 25.4 mm to 75 mm
TI009700	Thickness: 7.0mm , Purity: 99.6+%, Size: 50 mm to 75 mm



Mesh

TI008710	Nominal Aperture: 0.19mm , Wire diameter: 0.23mm, Wires/inch: 60x60, Open area: 20%, Weave: Twill, Size: 50x50 mm to 150x150 mm
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Wire

TI005100	Diameter: 0.05mm , Purity: 99.8%, Temper: Hard
TI005112	Diameter: 0.125mm , Purity: 99.6+%, Temper: Annealed
TI005122	Diameter: 0.25mm , Purity: 99.6+%, Temper: Annealed
TI005123	Diameter: 0.25mm , Purity: 99.6+%, Temper: As drawn
TI005120	Diameter: 0.25mm , High Purity: 99.99+%, Temper: As drawn
TI005125	Diameter: 0.5mm , Purity: 99.6+%, Temper: As drawn

Metals

- TI005127** Diameter: **0.5mm**, Purity: 99.975 + %, Temper: Annealed
- TI005128** Diameter: **0.5mm**, High Purity: 99.99 + %, Temper: As drawn
- TI005126** Diameter: **0.75mm**, Purity: 99.6 + %, Temper: As drawn
- TI005320** Diameter: **1.0mm**, Purity: 99.6 + %, Condition: Straight wire, Temper: As drawn
- TI005130** Diameter: **1.0mm**, Purity: 99.6 + %, Temper: Annealed
- TI005129** Diameter: **1.0mm**, Purity: 99.6 + %, Temper: As drawn
- TI005135** Diameter: **1.0mm**, High Purity: 99.99 + %, Temper: As drawn



Rod

- TI007905** Diameter: **1.5mm**, Purity: 99.6 + %, Temper: Annealed, Length: 100 mm to 1000 mm
- TI007910** Diameter: **2mm**, Purity: 99.6 + %, Temper: Annealed, Length: 100 mm to 1000 mm
- TI007911** Diameter: **2mm**, High Purity: 99.99 + %, Temper: As drawn, Length: 100 mm to 1000 mm
- TI007916** Diameter: **4mm**, Purity: 99.6 + %, Temper: Annealed, Length: 100 mm to 1000 mm
- TI007920** Diameter: **5mm**, Purity: 99.6 + %, Temper: Annealed, Length: 100 mm to 1000 mm
- TI007921** Diameter: **6mm**, Purity: 99.6 + %, Temper: Annealed, Length: 100 mm to 1000 mm
- TI007922** Diameter: **6.35mm**, High Purity: 99.99 + %, Temper: Annealed, Length: 50 mm to 200 mm
- TI007925** Diameter: **8.0mm**, High Purity: 99.99 + %, Temper: As drawn, Length: 50 mm to 200 mm
- TI007931** Diameter: **9.5mm**, High Purity: 99.99 + %, Temper: Annealed, Length: 25 mm to 200 mm
- TI007930** Diameter: **10mm**, Purity: 99.6 + %, Temper: Annealed, Length: 100 mm to 1000 mm
- TI007936** Diameter: **15mm**, Purity: 99.6 + %, Temper: Annealed, Length: 100 mm to 200 mm
- TI007937** Diameter: **16mm**, Purity: 99.6 + %, Temper: Annealed, Length: 100 mm to 1000 mm
- TI007938** Diameter: **16mm**, High Purity: 99.99 + %, Temper: As drawn, Length: 25 mm to 100 mm
- TI007940** Diameter: **20mm**, Purity: 99.6 + %, Temper: Annealed, Length: 100 mm to 1000 mm
- TI007941** Diameter: **20mm**, High Purity: 99.99 + %, Temper: As drawn, Length: 25 mm to 100 mm
- TI007945** Diameter: **25mm**, Purity: 99.6 + %, Temper: Annealed, Length: 100 mm to 1000 mm
- TI007947** Diameter: **30mm**, Purity: 99.6 + %, Temper: Annealed, Length: 100 mm to 500 mm
- TI007948** Diameter: **40mm**, Purity: 99.6 + %, Temper: Annealed, Length: 50 mm to 500 mm
- TI007950** Diameter: **50mm**, Purity: 99.6 + %, Temper: Annealed, Length: 50 mm to 200 mm
- TI007955** Diameter: **50mm**, High Purity: 99.99 + %, Length: 10 mm to 25 mm



Bar

- TI008010** Side Length: **50mm**, Side Length (of longer side): 50mm, Length: 100 mm



Tube

- TI007050** Outside Diameter: **0.51mm**, Wall Thickness: 0.08mm, Purity: 99.6 + %, Inside Diameter: 0.35mm, Temper: Annealed, Length: 100 mm to 500 mm
- TI007060** Outside Diameter: **0.81mm**, Wall Thickness: 0.1mm, Purity: 99.6 + %, Inside Diameter: 0.61mm, Temper: As drawn, Length: 100 mm to 1000 mm
- TI007070** Outside Diameter: **1.05mm**, Wall Thickness: 0.15mm, Purity: 99.6 + %, Inside Diameter: 0.75mm, Temper: Annealed, Length: 100 mm to 1000 mm
- TI007080** Outside Diameter: **1.6mm**, Wall Thickness: 0.2mm, Purity: 99.6 + %, Inside Diameter: 1.2mm, Temper: Hard, Length: 100 mm to 1000 mm
- TI007101** Outside Diameter: **2.03mm**, Wall Thickness: 0.24mm, Purity: 99.6 + %, Inside Diameter: 1.55mm, Temper: Annealed, Length: 100 mm to 1220 mm
- TI007100** Outside Diameter: **2.03mm**, Wall Thickness: 0.2mm, Purity: 99.6 + %, Inside Diameter: 1.63mm, Temper: Annealed, Length: 100 mm to 1000 mm
- TI007210** Outside Diameter: **3.0mm**, Wall Thickness: 0.75mm, Purity: 99.6 + %, Inside Diameter: 1.5mm, Temper: Annealed, Length: 100 mm to 1000 mm
- TI007250** Outside Diameter: **4.25mm**, Wall Thickness: 0.25mm, Purity: 99.6 + %, Inside Diameter: 3.75mm, Temper: Annealed, Length: 100 mm to 1000 mm
- TI007350** Outside Diameter: **6.35mm**, Wall Thickness: 0.89mm, Purity: 99.6 + %, Inside Diameter: 4.57mm, Temper: Annealed, Length: 100 mm to 1000 mm
- TI007300** Outside Diameter: **6.35mm**, Wall Thickness: 0.41mm, Purity: 99.6 + %, Inside Diameter: 5.53mm, Temper: Annealed, Length: 100 mm to 1000 mm
- TI007401** Outside Diameter: **9.5mm**, Wall Thickness: 0.65mm, Purity: 99.6 + %, Inside Diameter: 8.2mm, Temper: Annealed, Condition: Lightly Oxidised surface, Length: 100 mm to 1000 mm
- TI007460** Outside Diameter: **10.3mm**, Wall Thickness: 0.8mm, Purity: 99.6 + %, Inside Diameter: 8.7mm, Temper: Annealed, Length: 100 mm to 1000 mm
- TI007500** Outside Diameter: **12.7mm**, Wall Thickness: 0.9mm, Purity: 99.6 + %, Inside Diameter: 10.9mm, Temper: Annealed, Length: 100 mm to 1000 mm
- TI007550** Outside Diameter: **25.4mm**, Wall Thickness: 0.89mm, Purity: 99.6 + %, Inside Diameter: 23.62mm, Temper: Annealed, Length: 100 mm to 1000 mm



Powder

- TI006021** Max. Particle size: **45micron**, Purity: 99.5 + %, Condition: Spherical powder
- TI006020** Max. Particle size: **150micron**, Purity: 99.5 + %



Lump

- TI006111** Max. Lump size: **5mm**, High Purity: 99.999%, Condition: Pellets
- TI006100** Max. Lump size: **10mm**, High Purity: 99.99 + %, Condition: Pellets

Metals

TI006110 Max. Lump size: **10mm**, High Purity: 99.999%, Condition: Pellets



Sphere

TI006830 Diameter: **3mm**, Purity: 99.6+ %

Tungsten (W)



Microfoil

W 004300 Thickness: **0.05µm**, Specific density: 96 µg.cm⁻², Purity: 99.95%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm

W 004500 Thickness: **0.1µm**, Specific density: 182 µg.cm⁻², Purity: 99.95%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm

W 004600 Thickness: **0.25µm**, Specific density: 474 µg.cm⁻², Purity: 99.95%, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm



Foil

W 000090 Thickness: **0.003mm**, Purity: 99.95%

W 000100 Thickness: **0.004mm**, Purity: 99.95%

W 000110 Thickness: **0.005mm**, Purity: 99.95%

W 000120 Thickness: **0.006mm**, Purity: 99.95%

W 000130 Thickness: **0.007mm**, Purity: 99.95%

W 000140 Thickness: **0.008mm**, Purity: 99.95%

W 000150 Thickness: **0.009mm**, Purity: 99.95%

W 000160 Thickness: **0.01mm**, Purity: 99.95%

W 000170 Thickness: **0.0125mm**, Purity: 99.95%

W 000180 Thickness: **0.015mm**, Purity: 99.95%

W 000215 Thickness: **0.016mm**, Purity: 99.95%, Temper: As rolled, Ribbon width 0.36 mm Length : 0.2 m to 5 m

W 000221 Thickness: **0.02mm**, Purity: 99.95%, Temper: As rolled, Ribbon width 0.1 mm Length : 0.2 m to 2 m

W 000220 Thickness: **0.02mm**, Purity: 99.95%, Temper: As rolled, Ribbon width 0.5 mm Length : 0.2 m to 5 m

W 000190 Thickness: **0.02mm**, Purity: 99.95%

W 000219 Thickness: **0.025mm**, Purity: 99.95%, Temper: As rolled, Ribbon width 0.7 mm Length : 0.2 m to 5 m

W 000218 Thickness: **0.025mm**, Purity: 99.95%, Temper: As rolled, Coil width 1 mm Length : 0.2 m to 5 m

W 000200 Thickness: **0.025mm**, Purity: 99.95%, Temper: As rolled, Size: 25x25 mm to 150x300 mm

W 000225 Thickness: **0.035mm**, Purity: 99.95%, Temper: As rolled, Ribbon width 0.75 mm Length : 0.2 m to 5 m

W 000245 Thickness: **0.04mm**, Purity: 99.95%, Temper: As rolled, Ribbon width 0.7 mm Length : 0.2 m to 5 m

W 000248 Thickness: **0.05mm**, Purity: 99.95%, Temper: As rolled, Ribbon width 0.51 mm Length : 0.2 m to 5 m

W 000249 Thickness: **0.05mm**, Purity: 99.95%, Temper: As rolled, Coil width 1.5 mm Length : 0.2 m to 2 m

W 000247 Thickness: **0.05mm**, Purity: 99.95%, Temper: As rolled, Coil width 2 mm Length : 0.2 m to 1 m

W 000240 Thickness: **0.05mm**, Purity: 99.95%, Temper: As rolled, Size: 25x25 mm to 150x300 mm

W 000250 Thickness: **0.075mm**, Purity: 99.95%, Temper: As rolled, Size: 25x25 mm to 150x300 mm

W 000251 Thickness: **0.076mm**, Purity: 99.95%, Temper: As rolled, Coil width 1.5 mm Length : 0.2 m to 5 m

W 000252 Thickness: **0.076mm**, Purity: 99.95%, Temper: As rolled, Coil width 2 mm Length : 0.1 m to 1 m

W 000255 Thickness: **0.08mm**, Purity: 99.95%, Temper: As rolled, Ribbon width 0.9 mm Length : 0.2 m to 5 m

W 000278 Thickness: **0.1mm**, Purity: 99.95%, Temper: As rolled, Ribbon width 0.6 mm Length : 0.2 m to 5 m

W 000279 Thickness: **0.10mm**, Purity: 99.95%, Temper: As rolled, Ribbon width 0.9 mm Length : 0.2 m to 5 m

W 000275 Thickness: **0.1mm**, Purity: 99.95%, Temper: As rolled, Coil width 1.5 mm Length : 0.2 m to 5 m

W 000270 Thickness: **0.1mm**, Purity: 99.95%, Temper: As rolled, Size: 50x50 mm to 200x200 mm

W 000310 Thickness: **0.15mm**, Purity: 99.95%, Temper: As rolled, Size: 50x50 mm to 200x200 mm

W 000315 Thickness: **0.2mm**, Purity: 99.95%, Temper: As rolled, Size: 50x50 mm to 200x200 mm

W 000316 Thickness: **0.2mm**, Purity: 99.95%, Temper: As rolled, Size: 200x500 mm to 200x1000 mm

W 000325 Thickness: **0.3mm**, Purity: 99.95%, Temper: As rolled, Size: 50x50 mm to 200x200 mm

W 000326 Thickness: **0.3mm**, Purity: 99.95%, Temper: As rolled, Size: 200x500 mm to 200x1000 mm

W 000330 Thickness: **0.5mm**, Purity: 99.95%, Temper: As rolled, Tolerance: 20%, Size: 50x50 mm to 150x150 mm

W 000331 Thickness: **0.5mm**, Purity: 99.95%, Temper: As rolled, Tolerance: 20%, Size: 300x300 mm to 500x1000 mm

W 000345 Thickness: **1.0mm**, Purity: 99.95%, Temper: As rolled, Diameter: 30 mm

W 000340 Thickness: **1.0mm**, Purity: 99.95%, Temper: As rolled, Size: 50x50 mm to 150x150 mm

W 000341 Thickness: **1.0mm**, Purity: 99.95%, Temper: As rolled, Size: 200x200 mm to 500x1000 mm

W 000370 Thickness: **2.0mm**, Purity: 99.95%, Temper: As rolled, Size: 50x50 mm to 100x100 mm

W 000371 Thickness: **2.0mm**, Purity: 99.95%, Temper: As rolled, Size: 300x300 mm to 500x500 mm

W 000390 Thickness: **3.0mm**, Purity: 99.95%, Temper: As rolled, Size: 100x100 mm to 300x300 mm



Sheet

W 003100 Thickness: **5mm**, Purity: 99.95%, Size: 50x50 mm to 100x100 mm

W 003200 Thickness: **10mm**, Purity: 99.95%, Size: 50x50 mm to 150x150 mm

W 003250 Thickness: **20mm**, Purity: 99.95%, Size: 20x40 mm



Sputtering Target

W 009300 Thickness: **3.0mm**, Purity: 99.95%, Size: 25 mm to 101.6 mm

W 009600 Thickness: **6.0mm**, Purity: 99.95%, Size: 50 mm to 152.4 mm

Metals



Mesh

- W 008710** Nominal Aperture: **0.15mm**, Purity: 99.95%, Wire diameter: 0.02mm, Wires/inch: 150, Open area: 75%, Type: Plain weave mesh, Size: 50x50 mm to 100x100 mm
- W 008720** Nominal Aperture: **0.2mm**, Purity: 99.95%, Wire diameter: 0.05mm, Wires/inch: 100, Open area: 64%, Type: Plain weave mesh, Size: 50x50 mm to 100x100 mm



Wire

- W 005105** Diameter: **0.004mm**, Purity: 99.95%, Temper: Hard, Condition: Clean
- W 005200** Diameter: **0.005mm**, Purity: 99.95%, Condition: Gold plated wire
- W 005110** Diameter: **0.005mm**, Purity: 99.95%, Temper: Hard, Condition: Clean
- W 005112** Diameter: **0.0075mm**, Purity: 99.95%, Temper: Hard
- W 005115** Diameter: **0.01mm**, Purity: 99.95%, Temper: Hard
- W 005210** Diameter: **0.01mm**, Purity: 99.95%, Condition: Gold plated wire
- W 005120** Diameter: **0.013mm**, Purity: 99.95%, Temper: Hard, Condition: Clean
- W 005220** Diameter: **0.015mm**, Purity: 99.95%, Condition: Gold plated wire
- W 005125** Diameter: **0.018mm**, Purity: 99.95%, Temper: Hard, Condition: Clean
- W 005225** Diameter: **0.02mm**, Purity: 99.95%, Condition: Gold plated wire
- W 005230** Diameter: **0.025mm**, Purity: 99.95%, Condition: Gold plated wire
- W 005130** Diameter: **0.025mm**, Purity: 99.95%, Condition: Clean
- W 005240** Diameter: **0.05mm**, Purity: 99.95%, Condition: Gold plated wire
- W 005241** Diameter: **0.05mm**, Purity: 99.95%, Condition: Platinum plated wire
- W 005135** Diameter: **0.05mm**, Purity: 99.95%, Condition: Clean
- W 005305** Diameter: **0.075mm**, Purity: 99.9 + %, Condition: Straight wire
- W 005137** Diameter: **0.08mm**, Purity: 99.95%, Condition: Clean
- W 005245** Diameter: **0.08mm**, Purity: 99.95%, Condition: Gold plated wire
- W 005308** Diameter: **0.10mm**, Purity: 99.9 + %, Condition: Straight wire
- W 005250** Diameter: **0.1mm**, Purity: 99.95%, Condition: Gold plated wire
- W 005138** Diameter: **0.1mm**, Purity: 99.95%, Condition: Clean
- W 005310** Diameter: **0.125mm**, Purity: 99.9 + %, Condition: Straight wire
- W 005260** Diameter: **0.125mm**, Purity: 99.95%, Condition: Gold plated wire
- W 005140** Diameter: **0.125mm**, Purity: 99.95%, Condition: Clean
- W 005315** Diameter: **0.15mm**, Purity: 99.9 + %, Condition: Straight wire
- W 005145** Diameter: **0.15mm**, Purity: 99.95%, Condition: Clean

- W 005147** Diameter: **0.175mm**, Purity: 99.95%, Condition: Clean
- W 005320** Diameter: **0.20mm**, Purity: 99.9 + %, Condition: Straight wire
- W 005148** Diameter: **0.2mm**, Purity: 99.95%, Condition: Clean
- W 005325** Diameter: **0.25mm**, Purity: 99.9 + %, Condition: Straight wire
- W 005150** Diameter: **0.25mm**, Purity: 99.95%, Condition: Clean
- W 005330** Diameter: **0.30mm**, Purity: 99.9 + %, Condition: Straight wire
- W 005153** Diameter: **0.3mm**, Purity: 99.95%, Condition: Clean
- W 005335** Diameter: **0.38mm**, Purity: 99.9 + %, Condition: Straight wire
- W 005155** Diameter: **0.38mm**, Purity: 99.95%, Condition: Clean
- W 005351** Diameter: **0.5mm**, Purity: 99.9 + %, Condition: Straight wire
- W 005350** Diameter: **0.5mm**, Purity: 99.9 + %, Condition: Straight wire
- W 005160** Diameter: **0.5mm**, Purity: 99.95%, Condition: Clean
- W 005355** Diameter: **0.75mm**, Purity: 99.9 + %, Condition: Straight wire
- W 005165** Diameter: **0.75mm**, Purity: 99.95%, Condition: Clean
- W 005358** Diameter: **0.80mm**, Purity: 99.9 + %, Condition: Straight wire
- W 005360** Diameter: **1.0mm**, Purity: 99.9 + %, Condition: Straight wire
- W 005170** Diameter: **1.0mm**, Purity: 99.95%, Condition: Clean
- W 005365** Diameter: **1.3mm**, Purity: 99.9 + %, Condition: Straight wire, Condition: Chromium plated



Insulated Wire

- W 005802** Conductor diameter: **0.0125mm**, Insulation thickness: 0.0035mm, Purity: 99.9%, Insulation: Polyimide
- W 005805** Conductor diameter: **0.025mm**, Insulation thickness: 0.005mm, Purity: 99.9%, Insulation: Polyimide
- W 005810** Conductor diameter: **0.075mm**, Insulation thickness: 0.02mm, Purity: 99.9%, Insulation: PTFE



Rod

- W 007900** Diameter: **1.6mm**, Purity: 99.95%, Condition: Centreless ground, Length: 100 mm to 1000 mm
- W 007910** Diameter: **2.0mm**, Purity: 99.95%, Condition: Centreless ground, Length: 100 mm to 1000 mm
- W 007913** Diameter: **3.0mm**, Purity: 99.95%, Condition: Centreless ground, Length: 100 mm to 1000 mm
- W 007915** Diameter: **4.0mm**, Purity: 99.95%, Condition: Centreless ground, Length: 100 mm to 1000 mm
- W 007920** Diameter: **5.0mm**, Purity: 99.95%, Condition: Centreless ground, Length: 100 mm to 1000 mm
- W 007925** Diameter: **6.35mm**, Purity: 99.95%, Condition: Centreless ground, Length: 100 mm to 1000 mm
- W 007928** Diameter: **8.0mm**, Purity: 99.95%, Condition: Centreless ground, Length: 50 mm to 500 mm
- W 007930** Diameter: **10.0mm**, Purity: 99.95%, Condition: Centreless ground, Length: 50 mm to 500 mm

Metals

- W 007932** Diameter: **12.0mm**, Purity: 99.95%, Condition: Centreless ground, Length: 50 mm to 200 mm
- W 007935** Diameter: **16mm**, Purity: 99.95%, Condition: Centreless ground, Length: 50 mm to 200 mm
- W 007940** Diameter: **20.0mm**, Purity: 99.95%, Condition: Centreless ground, Length: 25 mm to 100 mm
- W 007941** Diameter: **20.0mm**, Purity: 99.95%, Condition: Centreless ground, Length: 18 mm
- W 007950** Diameter: **25.0mm**, Purity: 99.95%, Condition: Centreless ground, Length: 25 mm to 350 mm
- W 007960** Diameter: **40mm**, Purity: 99.95%, Condition: Forged, Length: 50 mm to 100 mm
- W 007965** Diameter: **50mm**, Purity: 99.95%, Condition: Centreless ground, Length: 25 mm to 200 mm
- W 007970** Diameter: **70mm**, Purity: 99.95%, Condition: Centreless ground, Length: 39 mm
- W 007980** Diameter: **75mm**, Purity: 99.95%, Condition: Centreless ground, Length: 100 mm
- W 007990** Diameter: **100mm**, Purity: 99.95%, Condition: Centreless ground, Length: 100 mm

Tube

- W 007200** Outside Diameter: **1.6mm**, Wall Thickness: 0.5mm, Purity: 99.95%, Inside Diameter: 0.6mm, Length: 50 mm

Powder

- W 006015** Mean Particle size: **<1micron (FSS)**, Purity: 99.95%
- W 006021** Max. Particle size: **25micron**, Purity: 99.9%
- W 006030** Max. Particle size: **100micron**, Purity: 99.9%
- W 006011** Max. Particle size: **250micron**, Min. Particle size: 50micron, Purity: 99.9%

Single Crystal

- W 002079** Oriented: **(100)**, Diameter: 9mm, Purity: 99.99%, Length: 10mm
- W 002080** Oriented: **(100)**, Diameter: 9mm, Purity: 99.99%, Length: 25mm
- W 002110** Oriented: **(100)**, Diameter: 9mm, Purity: 99.99%, Length: 2mm
- W 002111** Oriented: **(100)**, Diameter: 9mm, Purity: 99.99%, Length: 2 mm, Condition: Polished on 1 side to 1 micron
- W 002060** Oriented: **(110)**, Diameter: 6mm, Purity: 99.99%, Length: 25mm
- W 002089** Oriented: **(110)**, Diameter: 9mm, Purity: 99.99%, Length: 10mm
- W 002090** Oriented: **(110)**, Diameter: 9mm, Purity: 99.99%, Length: 25mm
- W 002091** Oriented: **(110)**, Diameter: 9mm, Purity: 99.99%, Length: 50mm
- W 002061** Oriented: **(111)**, Diameter: 6mm, Purity: 99.99%, Length: 25mm

Uranium (U)

Foil

- U 000200** Thickness: **0.025mm**, Purity: 99.9%, Condition: Natural
- U 000210** Thickness: **0.178mm**, Purity: 99.98%, Condition: Natural, Size: 10x10 mm to 40x50 mm
- U 000220** Thickness: **0.5mm**, Purity: 99.9%, Condition: Natural, Size: 25x25 mm to 50x50 mm

- U 000230** Thickness: **1.0mm**, Purity: 99.9%, Condition: Natural, Size: 25x25 mm to 50x50 mm

Wire

- U 005110** Diameter: **0.5mm**, Purity: 99.9%, Condition: Natural
- U 005120** Diameter: **1.0mm**, Purity: 99.9%, Condition: Natural

Vanadium (V)

Microfoil

- V 004500** Thickness: **0.1µm**, Specific density: 60.8 µg.cm⁻², Purity: 99.8 + %, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm
- V 004600** Thickness: **0.25µm**, Specific density: 140.4 µg.cm⁻², Purity: 99.8 + %, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm
- V 004850** Thickness: **1.0µm**, Specific density: 611 µg.cm⁻², Purity: 99.8 + %, Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm

Foil

- V 000080** Thickness: **0.001mm**, Purity: 99.8 + %
- V 000090** Thickness: **0.002mm**, Purity: 99.8 + %
- V 000100** Thickness: **0.003mm**, Purity: 99.8 + %
- V 000110** Thickness: **0.004mm**, Purity: 99.8 + %
- V 000120** Thickness: **0.005mm**, Purity: 99.8 + %
- V 000130** Thickness: **0.006mm**, Purity: 99.8 + %, Diameter: 4 mm to 15 mm
- V 000140** Thickness: **0.007mm**, Purity: 99.8 + %, Diameter: 4 mm to 15 mm
- V 000150** Thickness: **0.008mm**, Purity: 99.8 + %, Diameter: 4 mm to 15 mm
- V 000170** Thickness: **0.01mm**, Purity: 99.8 + %, Diameter: 4 mm to 15 mm
- V 000251** Thickness: **0.0125mm**, Purity: 99.8 + %, Diameter: 4 mm to 15 mm
- V 000180** Thickness: **0.015mm**, Purity: 99.8 + %, Diameter: 4 mm to 25 mm
- V 000190** Thickness: **0.02mm**, Purity: 99.8 + %, Diameter: 4 mm to 25 mm
- V 000270** Thickness: **0.025mm**, Purity: 99.8 + %, Temper: As rolled, Coil width 300 mm Length : 0.5 m
- V 000300** Thickness: **0.040mm**, Purity: 99.8 + %, Temper: As rolled, Diameter: 4 mm to 50 mm
- V 000310** Thickness: **0.125mm**, Purity: 99.8 + %, Temper: As rolled, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- V 000320** Thickness: **0.25mm**, Purity: 99.8 + %, Temper: As rolled, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- V 000330** Thickness: **0.5mm**, Purity: 99.8 + %, Temper: As rolled, Size: 25x25 mm to 300x300 mm
- V 000340** Thickness: **1.0mm**, Purity: 99.8 + %, Temper: As rolled, Size: 25x25 mm to 300x300 mm
- V 000360** Thickness: **2.0mm**, Purity: 99.8 + %, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- V 000370** Thickness: **3.15mm**, Purity: 99.8 + %, Temper: As rolled, Size: 25x25 mm to 100x100 mm

Metals



Sputtering Target

- V 009300** Thickness: **3.0mm**, Purity: 99.8+%, Size: 50 mm to 75 mm
- V 009600** Thickness: **6.0mm**, Purity: 99.8+%, Size: 50 mm to 75 mm



Wire

- V 005110** Diameter: **0.25mm**, Purity: 99.8+%, Temper: Hard
- V 005120** Diameter: **0.5mm**, Purity: 99.8+%, Temper: As drawn
- V 005130** Diameter: **1.0mm**, Purity: 99.8+%, Temper: Annealed



Rod

- V 007901** Diameter: **1.2mm**, Purity: 99.8+%, Length: 100 mm to 1000 mm
- V 007902** Diameter: **2.0mm**, Purity: 99.8+%, Length: 100 mm to 500 mm
- V 007910** Diameter: **3.5mm**, Purity: 99.8+%, Length: 100 mm to 500 mm
- V 007930** Diameter: **5.0mm**, Purity: 99.8+%, Length: 50 mm to 500 mm
- V 007937** Diameter: **11mm**, Purity: 99.8+%, Length: 25 mm to 200 mm
- V 007960** Diameter: **20.0mm**, Purity: 99.8+%, Length: 25 mm to 100 mm



Powder

- V 006030** Max. Particle size: **45micron**, Purity: 99.7+%



Lump

- V 006105** Max. Lump size: **10mm**, Purity: 99.6%, Condition: Pellets
- V 006110** Max. Lump size: **12mm**, Purity: 99.6%, Condition: Pellets
- V 006100** Max. Lump size: **50mm**, Purity: 99.6%, Condition: Turnings



Single Crystal

- V 002110** Oriented: **(100)**, Diameter: 12mm, Purity: 99.99%, Length: 2mm
- V 002059** Oriented: **(110)**, Diameter: 6mm, Purity: 99.99%, Length: 10mm
- V 002060** Oriented: **(110)**, Diameter: 6mm, Purity: 99.99%, Length: 25mm
- V 002061** Oriented: **(110)**, Diameter: 6mm, Purity: 99.99%, Length: 50mm
- V 002119** Oriented: **(110)**, Diameter: 12mm, Purity: 99.99%, Length: 10mm
- V 002120** Oriented: **(110)**, Diameter: 12mm, Purity: 99.99%, Length: 25mm
- V 002121** Oriented: **(110)**, Diameter: 12mm, Purity: 99.99%, Length: 50mm

Ytterbium (Yb)



Foil

- YB000205** Thickness: **0.005mm**, Purity: 99.9%, Temper: As rolled
- YB000200** Thickness: **0.025mm**, Purity: 99.9%, Temper: As rolled
- YB000210** Thickness: **0.1mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm

- YB000215** Thickness: **0.125mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 100x100 mm

- YB000230** Thickness: **0.25mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 50x50 mm



Sputtering Target

- YB009100** Thickness: **1.0mm**, Purity: 99.9%, Size: 50 mm to 75 mm



Wire

- YB005110** Diameter: **1.0mm**, Purity: 99.9%, Condition: Square section wire



Rod

- YB007905** Diameter: **2.0mm**, Purity: 99.9%, Condition: Cast, Length: 50 mm
- YB007910** Diameter: **6.35mm**, Purity: 99.9%, Condition: Cast, Length: 50 mm to 100 mm
- YB007920** Diameter: **10.0mm**, Purity: 99.9%, Condition: Cast, Length: 50 mm to 100 mm



Powder

- YB006010** Max. Particle size: **500micron**, Purity: 99.9%



Lump

- YB006100** Max. Lump size: **25mm**, Purity: 99.9%

Yttrium (Y)



Foil

- Y 000205** Thickness: **0.005mm**, Purity: 99.9%, Temper: As rolled
- Y 000200** Thickness: **0.025mm**, Purity: 99.9%, Temper: As rolled
- Y 000220** Thickness: **0.15mm**, Purity: 99.9%, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- Y 000250** Thickness: **0.50mm**, Purity: 99.9%, Temper: As rolled, Diameter: 25 mm



Sputtering Target

- Y 009100** Thickness: **1.0mm**, Purity: 99.9%, Size: 50 mm to 75 mm



Wire

- Y 005105** Diameter: **0.5mm**, Purity: 99.9%
- Y 005110** Diameter: **1.0mm**, Purity: 99.9%
- Y 005111** Diameter: **1.0mm**, Purity: 99.9%, Condition: Square section wire



Rod

- Y 007905** Diameter: **2.0mm**, Purity: 99.9%, Condition: Cast, Length: 50 mm
- Y 007910** Diameter: **6.35mm**, Purity: 99.9%, Condition: Cast, Length: 50 mm to 100 mm
- Y 007930** Diameter: **12.5mm**, Purity: 99.9%, Condition: Cast, Length: 50 mm to 100 mm



Powder

- Y 006010** Max. Particle size: **500micron**, Purity: 99.9%



Lump

- Y 006100** Max. Lump size: **50mm**, Purity: 99.9%

Zinc (Zn)



Foil

- ZN000060** Thickness: **0.001mm**, Purity: 99.9%

Metals

ZN000080	Thickness: 0.0025mm , Purity: 99.9%, Diameter: 4 mm to 15 mm
ZN000110	Thickness: 0.005mm , Purity: 99.9%, Diameter: 4 mm to 15 mm
ZN000160	Thickness: 0.01mm , Purity: 99.9%, Diameter: 4 mm to 15 mm
ZN000180	Thickness: 0.015mm , Purity: 99.9%, Diameter: 4 mm to 15 mm
ZN000190	Thickness: 0.02mm , Purity: 99.9%, Diameter: 4 mm to 15 mm
ZN000220	Thickness: 0.025mm , Purity: 99.95 + %, Temper: As rolled, Coil width 150 mm Length : 0.5 m to 5 m
ZN000225	Thickness: 0.025mm , High Purity: 99.99 + %, Temper: As rolled, Diameter: 4 mm to 25 mm
ZN000230	Thickness: 0.05mm , Purity: 99.95 + %, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 150x150 mm
ZN000235	Thickness: 0.05mm , High Purity: 99.99 + %, Temper: As rolled, Size: 25x25 mm to 100x100 mm
ZN000240	Thickness: 0.075mm , Purity: 99.95 + %, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 150x150 mm
ZN000250	Thickness: 0.1mm , Purity: 99.95 + %, Temper: As rolled, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
ZN000270	Thickness: 0.125mm , Purity: 99.95 + %, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 150x150 mm
ZN000275	Thickness: 0.125mm , High Purity: 99.99 + %, Temper: As rolled, Size: 25x25 mm to 100x100 mm
ZN000280	Thickness: 0.15mm , Purity: 99.95 + %, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 150x150 mm
ZN000290	Thickness: 0.175mm , Purity: 99.95 + %, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 150x150 mm
ZN000295	Thickness: 0.20mm , Purity: 99.95 + %, Temper: As rolled, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
ZN000301	Thickness: 0.25mm , Purity: 99.95 + %, Temper: As rolled, Coil width 200 mm, Size: 25x25 mm to 150x150 mm
ZN000305	Thickness: 0.25mm , High Purity: 99.99 + %, Temper: As rolled, Size: 25x25 mm to 100x100 mm
ZN000308	Thickness: 0.35mm , Purity: 99.95 + %, Temper: As rolled, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
ZN000311	Thickness: 0.5mm , Purity: 99.7%, Temper: As rolled, Size: 200x200 mm to 500x1000 mm
ZN000312	Thickness: 0.5mm , Purity: 99.95 + %, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 150x150 mm
ZN000315	Thickness: 0.5mm , High Purity: 99.99 + %, Temper: As rolled, Size: 25x25 mm to 100x100 mm
ZN000318	Thickness: 1.0mm , Purity: 99.7%, Temper: As rolled, Size: 250x250 mm to 500x1000 mm
ZN000322	Thickness: 1.0mm , Purity: 99.95 + %, Temper: As rolled, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
ZN000325	Thickness: 1.0mm , High Purity: 99.99 + %, Temper: As rolled, Size: 25x25 mm to 300x300 mm

ZN000350	Thickness: 1.5mm , Purity: 99.95 + %, Temper: As rolled, Size: 25x25 mm to 300x300 mm
ZN000370	Thickness: 2.0mm , Purity: 99.95 + %, Temper: As rolled, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
ZN000375	Thickness: 3mm , Purity: 99.99 + %, Temper: As rolled, Size: 25x25 mm to 100x100 mm
ZN000380	Thickness: 6mm , High Purity: 99.99 + %, Temper: As rolled, Size: 25x25 mm to 100x100 mm



Sputtering Target

ZN009300	Thickness: 3.0mm , Purity: 99.99 + %, Size: 50 mm to 75 mm
ZN009600	Thickness: 6.0mm , Purity: 99.99 + %, Size: 50 mm to 75 mm



Wire

ZN005080	Diameter: 0.025mm , Purity: 99.0%, Temper: As drawn
ZN005090	Diameter: 0.05mm , Purity: 99.0%, Temper: As drawn
ZN005100	Diameter: 0.125mm , Purity: 99.0%, Temper: As drawn
ZN005115	Diameter: 0.25mm , High Purity: 99.99 + %, Temper: As drawn
ZN005120	Diameter: 0.5mm , High Purity: 99.99 + %, Temper: As drawn
ZN005131	Diameter: 1.0mm , Purity: 99.9%, Condition: Extruded
ZN005132	Diameter: 1.0mm , High Purity: 99.99 + %
ZN005133	Diameter: 1.0mm , High Purity: 99.999%
ZN005135	Diameter: 2.0mm , Purity: 99.9%, Condition: Extruded
ZN005140	Diameter: 2.0mm , High Purity: 99.99 + %
ZN005145	Diameter: 3.0mm , Purity: 99.9%, Condition: Extruded
ZN005150	Diameter: 6.35mm , High Purity: 99.99 + %



Rod

ZN007902	Diameter: 2.0mm , High Purity: 99.99 + %, Length: 100 mm to 1000 mm
ZN007905	Diameter: 5.0mm , High Purity: 99.99 + %, Length: 100 mm to 1000 mm
ZN007911	Diameter: 7.0mm , High Purity: 99.99 + %, Length: 100 mm to 1000 mm
ZN007915	Diameter: 8mm , High Purity: 99.999%, Length: 50 mm to 245 mm
ZN007920	Diameter: 10.0mm , Purity: 99.9%, Length: 100 mm to 1000 mm
ZN007930	Diameter: 10.0mm , High Purity: 99.99 + %, Length: 100 mm to 1000 mm
ZN007936	Diameter: 12.0mm , Purity: 99.9%, Length: 100 mm to 1000 mm
ZN007940	Diameter: 19mm , Purity: 99.9%, Length: 100 mm to 900 mm
ZN007950	Diameter: 19.0mm , High Purity: 99.99 + %, Length: 100 mm to 500 mm



Powder

ZN006020	Mean Particle size: 3micron (FSS) , Purity: 99.0%
ZN006021	Max. Particle size: 5micron , Min. Particle size: 1micron, Purity: 99.0%

Metals

- ZN006010** Mean Particle size: **7.5micron**, Purity: 98.8%
- ZN006040** Max. Particle size: **150micron**, Purity: 99.9%
- ZN006030** Max. Particle size: **150micron**, High Purity: 99.999%



Lump

- ZN006100** Max. Lump size: **2mm**, Purity: 99.98%, Condition: Shot
- ZN006110** Max. Lump size: **6mm**, High Purity: 99.9998%, Condition: Shot
- ZN006120** Max. Lump size: **10mm**, Purity: 99.99%
- ZN006125** Max. Lump size: **10mm**, Purity: 99.99%, Condition: Pellets



Single Crystal

- ZN002110** Oriented: **(0001)**, Diameter: 12mm, Purity: 99.999%, Length: 2mm
- ZN002118** Oriented: **(0001)**, Diameter: 12mm, Purity: 99.999%, Length: 10mm
- ZN002119** Oriented: **(0001)**, Diameter: 12mm, Purity: 99.999%, Length: 25mm
- ZN002120** Oriented: **(0001)**, Diameter: 12mm, Purity: 99.999%, Length: 50mm

Zirconium (Zr)



Microfoil

- ZR004500** Thinness: **0.1µm**, Specific density: 64.9 µg.cm⁻², Purity: 99.8 + %, Permanent support: 6 micron Aluminium, Diameter: 10 mm to 25 mm
- ZR004850** Thinness: **1.0µm**, Specific density: 648 µg.cm⁻², Purity: 99.8 + %, Permanent support: 6 micron Aluminium, Diameter: 10 mm to 25 mm



Foil

- ZR000070** Thickness: **0.001mm**, Purity: 99.8 + %
- ZR000080** Thickness: **0.002mm**, Purity: 99.8 + %
- ZR000090** Thickness: **0.0025mm**, Purity: 99.8 + %
- ZR000100** Thickness: **0.003mm**, Purity: 99.8 + %
- ZR000110** Thickness: **0.004mm**, Purity: 99.8 + %
- ZR000120** Thickness: **0.005mm**, Purity: 99.8 + %
- ZR000130** Thickness: **0.006mm**, Purity: 99.8 + %
- ZR000140** Thickness: **0.007mm**, Purity: 99.8 + %
- ZR000150** Thickness: **0.008mm**, Purity: 99.8 + %
- ZR000160** Thickness: **0.009mm**, Purity: 99.8 + %, Diameter: 4 mm to 25 mm
- ZR000170** Thickness: **0.01mm**, Purity: 99.8 + %, Diameter: 4 mm to 25 mm
- ZR000180** Thickness: **0.0125mm**, Purity: 99.8 + %, Diameter: 4 mm to 25 mm
- ZR000190** Thickness: **0.015mm**, Purity: 99.8 + %, Diameter: 4 mm to 25 mm
- ZR000205** Thickness: **0.016mm**, Purity: 99.8 + %, Coil width 200 mm Length : 0.5 m to 5 m
- ZR000200** Thickness: **0.02mm**, Purity: 99.8 + %, Coil width 200 mm Length : 1 m to 10 m
- ZR000211** Thickness: **0.025mm**, Purity: 99.7 + %, Temper: Annealed, Coil width 300 mm, Size: 300x300 mm
- ZR000210** Thickness: **0.025mm**, Purity: 99.8 + %, Temper: Annealed, Coil width 200 mm, Size: 25x25 mm to 200x300 mm

- ZR000220** Thickness: **0.05mm**, Purity: 99.8 + %, Temper: Annealed, Coil width 200 mm, Size: 25x25 mm to 200x300 mm

- ZR000240** Thickness: **0.075mm**, Purity: 99.8 + %, Temper: Annealed, Coil width 200 mm, Size: 25x25 mm to 200x300 mm

- ZR000260** Thickness: **0.1mm**, Purity: 99.8 + %, Temper: Annealed, Coil width 200 mm, Size: 25x25 mm to 200x300 mm

- ZR000270** Thickness: **0.125mm**, Purity: 99.8 + %, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

- ZR000290** Thickness: **0.2mm**, Purity: 99.8 + %, Temper: Annealed, Coil width 56 mm, Size: 25x25 mm to 50x50 mm

- ZR000300** Thickness: **0.25mm**, Purity: 99.8 + %, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

- ZR000310** Thickness: **0.5mm**, Purity: 99.8 + %, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

- ZR000320** Thickness: **1.0mm**, Purity: 99.8 + %, Temper: Annealed, Size: 25x25 mm to 300x300 mm

- ZR000350** Thickness: **2.0mm**, Purity: 99.8 + %, Temper: Annealed, Size: 25x25 mm to 150x150 mm

- ZR000370** Thickness: **3.5mm**, Purity: 99.8 + %, Temper: Annealed, Size: 150x150 mm to 300x300 mm

- ZR000380** Thickness: **7.0mm**, Purity: 99.8 + %, Temper: Annealed, Size: 150x150 mm to 200x500 mm



Sputtering Target

- ZR009300** Thickness: **3.5mm**, Purity: 99.8 + %, Size: 50 mm to 75 mm

- ZR009700** Thickness: **7.0mm**, Purity: 99.8 + %, Size: 50 mm to 75 mm



Wire

- ZR005110** Diameter: **0.05mm**, Purity: 99.2%, Temper: As drawn

- ZR005120** Diameter: **0.125mm**, Purity: 99.2%, Condition: Stress relieved

- ZR005130** Diameter: **0.25mm**, Purity: 99.2%, Temper: As drawn

- ZR005134** Diameter: **0.28mm**, Purity: 99.2%, Temper: Annealed

- ZR005135** Diameter: **0.5mm**, Purity: 99.2%, Temper: As drawn

- ZR005142** Diameter: **1.0mm**, Purity: 99.2%, Temper: Annealed



Rod

- ZR007905** Diameter: **1.5mm**, Purity: 99.8 + %, Length: 100 mm to 1000 mm

- ZR007910** Diameter: **2.0mm**, Purity: 99.8 + %, Condition: Centreless ground, Length: 100 mm to 1000 mm

- ZR007920** Diameter: **5.0mm**, Purity: 99.8 + %, Condition: Centreless ground, Length: 100 mm to 1000 mm

- ZR007924** Diameter: **6.0mm**, Purity: 99.8 + %, Condition: Centreless ground, Length: 100 mm to 1000 mm

- ZR007930** Diameter: **9.5mm**, Purity: 99.8 + %, Condition: Centreless ground, Length: 100 mm to 1000 mm

- ZR007935** Diameter: **12.7mm**, Purity: 99.8 + %, Condition: Centreless ground, Length: 100 mm to 1000 mm

- ZR007940** Diameter: **19.0mm**, Purity: 99.8 + %, Condition: Centreless ground, Length: 50 mm to 1000 mm

Metals

ZR007960 Diameter: **50mm**, Purity: 99.8+%, Condition: Centreless ground, Length: 100 mm



Tube

ZR007160 Outside Diameter: **1.6mm**, Wall Thickness: 0.25mm, Purity: 99.8+%, Inside Diameter: 1.1mm, Temper: Hard, Length: 100 mm to 1000 mm

ZR007200 Outside Diameter: **2.0mm**, Wall Thickness: 0.2mm, Purity: 99.8+%, Inside Diameter: 1.6mm, Temper: Annealed, Length: 100 mm to 1000 mm

ZR007400 Outside Diameter: **6.35mm**, Wall Thickness: 0.9mm, Purity: 99.8+%, Inside Diameter: 4.55mm, Temper: Annealed, Length: 100 mm to 1000 mm

ZR007620 Outside Diameter: **12.7mm**, Wall Thickness: 1.6mm, Purity: 99.8+%, Inside Diameter: 9.5mm, Temper: Annealed, Length: 100 mm to 1000 mm

ZR007600 Outside Diameter: **12.7mm**, Wall Thickness: 0.9mm, Purity: 99.8+%, Inside Diameter: 10.9mm, Temper: Annealed, Length: 100 mm to 1000 mm



Powder

ZR006010 Max. Particle size: **45micron**, Purity: 99.2%



Lump

ZR006100 Max. Lump size: **25mm**, Purity: 99.8%, Condition: Sponge

Alloys

Silver/Gold (Ag70/Au30)



Lump

AG096100 Max. Lump size: 4mm

Silver/Palladium (Ag70/Pd30)



Foil

AG200300 Thickness: 0.15mm, Temper: As rolled, Size: 25x25 mm to 100x100 mm



Tube

AG207200 Outside Diameter: 2.2mm, Wall Thickness: 0.1mm, Inside Diameter: 2.0mm, Length: 100 mm to 500 mm

Silver/Copper (Ag72/Cu28)



Foil

AG060220 Thickness: 0.05mm, Coil width 100 mm, Size: 50x50 mm to 100x100 mm

AG060250 Thickness: 0.25mm, Coil width 100 mm, Size: 50x50 mm to 100x100 mm

AG060400 Thickness: 2.0mm, Size: 50x50 mm to 100x100 mm



Wire

AG065140 Diameter: 0.5mm, Temper: As drawn



Rod

AG067910 Diameter: 2.0mm, Temper: As drawn, Length: 100 mm to 1000 mm

AG067950 Diameter: 12.5mm, Temper: As drawn, Length: 50 mm to 500 mm



Powder

AG066015 Max. Particle size: 45micron

Silver/Copper (Ag92.5/Cu 7.5)



Foil

AA150360 Thickness: 0.5mm, Temper: As rolled, Size: 25x25 mm to 150x150 mm

Silver/Zirconium/Copper (Ag97/Zr 2/Cu 1)



Powder

AA146010 Max. Particle size: 45micron, Condition: Atomised

Silver/Antimony (Ag99/Sb 1)



Wire

AA065150 Diameter: 0.5mm, Temper: As drawn

Aluminium/Iron (Al50/Fe50)



Powder

AL106020 Max. Particle size: 150micron, Condition: Alloy Pre-cursor

Aluminium/Nickel (Al50/Ni50)



Powder

AL116010 Max. Particle size: 150micron, Condition: Alloy Pre-cursor

Aluminium/Silicon (Al65.7/Si34.3)



Powder

AL156010 Max. Particle size: 150micron, Condition: Alloy Pre-cursor

Aluminium/Silicon (Al75/Si25)



Powder

AL146010 Max. Particle size: 150micron, Condition: Alloy Pre-cursor

Aluminium/Titanium (Al75/Ti25 (Atomic %))



Lump

AD036100 Max. Lump size: 100mm

Aluminium/Silicon (Al88/Si12)



Foil

AL130700 Thickness: 1.0mm, Size: 50x50 mm to 150x150 mm

AL130750 Thickness: 2.0mm, Size: 50x50 mm to 150x150 mm



Rod

AL137920 Diameter: 15mm, Temper: As drawn, Length: 50 mm to 500 mm



Powder

AL136011 Max. Particle size: 150micron, Condition: Atomised

AL136010 Max. Particle size: 150micron, Condition: Alloy Pre-cursor

Aluminium/Magnesium (Al92.1/Mg 7.9)



Powder

AD106010 Max. Particle size: 63micron, Condition: Atomised

Aluminium alloy 2011 (Al93/Cu5.3/Fe0.7/Si0.4/Pb0.3/B)



Rod

AD287910 Diameter: 6.35mm, Length: 100 mm to 1000 mm

Aluminium/Nickel (Al94.3/Ni 5.7)



Rod

AD097920 Diameter: 8mm, Temper: As drawn, Length: 100 mm to 1000 mm

Dural[®] - Aluminium/Copper/Magnesium (Al95/Cu 4/Mg 1)

Avional[®], Dural[®], Hiduminium[®]



Rod

AL047920 Diameter: 22.2mm, Condition: Solution treated, Length: 100 mm to 1000 mm



Tube

AL047105 Outside Diameter: 0.53mm, Wall Thickness: 0.051mm, Inside Diameter: 0.428mm, Temper: As drawn, Length: 100 mm to 1000 mm

Alloys

AL047110 Outside Diameter: **0.81mm**, Wall Thickness: 0.051mm, Inside Diameter: 0.708mm, Temper: As drawn, Length: 100 mm to 1000 mm

Aluminium/Lithium/Copper (Al95/Li 2.5/Cu 1.5/Mg 1)



Tube

AL197250 Outside Diameter: **24mm**, Wall Thickness: 1mm, Inside Diameter: 22mm, Length: 100 mm to 1000 mm

Aluminium/Magnesium (Al95/Mg 5)



Foil

AL020200 Thickness: **0.03mm**, Temper: As rolled, Coil width 40 mm, Size: 25x25 mm to 40x150 mm



Tube

AL027080 Outside Diameter: **0.61mm**, Wall Thickness: 0.07mm, Inside Diameter: 0.47mm, Temper: As drawn, Length: 100 mm to 1000 mm

AL027090 Outside Diameter: **0.74mm**, Wall Thickness: 0.063mm, Inside Diameter: 0.614mm, Temper: As drawn, Length: 100 mm to 1000 mm

AL027100 Outside Diameter: **0.75mm**, Wall Thickness: 0.125mm, Inside Diameter: 0.5mm, Temper: Hard, Length: 100 mm to 1000 mm

AL027110 Outside Diameter: **1.73mm**, Wall Thickness: 0.075mm, Inside Diameter: 1.58mm, Temper: As drawn, Length: 100 mm to 1000 mm

Aluminium/Magnesium/Manganese/ Chromium (Al96.45/Mg 2.6/Mn 0.8/Cr 0.15)



Tube

AD057150 Outside Diameter: **2.1mm**, Wall Thickness: 0.25mm, Inside Diameter: 1.6mm, Temper: As drawn, Length: 100 mm to 435 mm

Aluminium/Magnesium (Al97/Mg 3)



Foil

AL010210 Thickness: **0.01mm**, Coil width 220 mm Length : 1 m to 10 m

AL010220 Thickness: **0.0125mm**, Temper: As rolled, Coil width 220 mm Length : 1 m to 10 m

AL010225 Thickness: **0.015mm**, Temper: As rolled, Coil width 220 mm Length : 1 m to 2 m

AL010230 Thickness: **0.03mm**, Temper: As rolled, Size: 25x25 mm to 50x50 mm

AL010235 Thickness: **0.06mm**, Temper: As rolled, Size: 25x25 mm to 50x50 mm

AL010240 Thickness: **0.1mm**, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 150x150 mm

AL010250 Thickness: **0.2mm**, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 150x150 mm

AL010260 Thickness: **0.25mm**, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 150x150 mm



Tube

AL017100 Outside Diameter: **0.53mm**, Wall Thickness: 0.075mm, Inside Diameter: 0.38mm, Temper: As drawn, Length: 100 mm to 1000 mm

AL017140 Outside Diameter: **0.74mm**, Wall Thickness: 0.065mm, Inside Diameter: 0.61mm, Temper: As drawn, Length: 100 mm to 1000 mm

AL017150 Outside Diameter: **0.75mm**, Wall Thickness: 0.1mm, Inside Diameter: 0.55mm, Temper: As drawn, Length: 100 mm to 1000 mm

AL017200 Outside Diameter: **1.0mm**, Wall Thickness: 0.075mm, Inside Diameter: 0.85mm, Temper: As drawn, Length: 100 mm to 1000 mm

AL017250 Outside Diameter: **1.5mm**, Wall Thickness: 0.125mm, Inside Diameter: 1.25mm, Temper: As drawn, Length: 100 mm to 1000 mm

AL017210 Outside Diameter: **1.5mm**, Wall Thickness: 0.050mm, Inside Diameter: 1.4mm, Temper: As drawn, Length: 100 mm to 1000 mm

Aluminium/Magnesium (Al97.5/Mg 2.5)



Wire

AL215150 Diameter: **0.5mm**, Purity: 97.5%, Temper: As drawn

Aluminium/Silicon/Magnesium/ Manganese (Al97.5/Si 1.0/Mg 0.8/Mn 0.7)



Rod

AJ047940 Diameter: **9.5mm**, Condition: Extruded, Length: 100 mm to 1000 mm

Aluminium/Magnesium/Silicon (Al98/Mg 1/Si 0.6)



Wire

AL035120 Diameter: **0.025mm**, Temper: As drawn

AL035130 Diameter: **0.05mm**, Temper: As drawn

AL035140 Diameter: **0.125mm**, Temper: As drawn

AL035150 Diameter: **0.25mm**, Temper: As drawn

AL035160 Diameter: **0.5mm**, Temper: As drawn

AL035170 Diameter: **1.0mm**, Temper: As drawn

Aluminium/Magnesium/Silicon (Al98/Mg 1/Si 1)



Tube

AL087100 Outside Diameter: **6.35mm**, Wall Thickness: 0.71mm, Inside Diameter: 4.93mm, Temper: Hard, Length: 100 mm to 1000 mm

AL087300 Outside Diameter: **12.7mm**, Wall Thickness: 1.22mm, Inside Diameter: 10.26mm, Temper: Hard, Length: 100 mm to 1000 mm

AL087500 Outside Diameter: **25.4mm**, Wall Thickness: 3.25mm, Inside Diameter: 18.9mm, Temper: Hard, Length: 100 mm to 1000 mm

Aluminium/Manganese (Al98/Mn 2 (Atomic %))



Lump

AJ186100 Max. Lump size: 10mm

Alloys

Aluminium/Silicon (Al98/Si 2)



Powder

AL166010 Max. Particle size: 150micron, Condition: Alloy Pre-cursor

Aluminium/Nickel (Al98.5/Ni 1.5)



Rod

AL297920 Diameter: 8mm, Length: 100 mm to 1000 mm

AL297930 Diameter: 12.7mm, Length: 100 mm to 1000 mm

AL297940 Diameter: 14mm, Length: 100 mm to 1000 mm

Aluminium/Magnesium/Silicon (Al99/Mg 0.5/Si 0.5)



Wire

AL185150 Diameter: 0.25mm, Temper: As drawn

Aluminium/Silicon (Al99/Si 1)



Foil

AL050600 Thickness: 2.0mm, High Purity: 99.998%, Temper: As rolled, Size: 50x50 mm to 150x150 mm

AL050650 Thickness: 3.0mm, High Purity: 99.998%, Temper: As rolled, Size: 50x50 mm to 150x150 mm



Sputtering Target

AL059300 Thickness: 3.0mm, High Purity: 99.998%, Size: 50.8 mm to 76.2 mm

AL059600 Thickness: 6.0mm, Purity: 99.998%, Size: 50.8 mm to 101.6 mm



Wire

AL055110 Diameter: 0.01mm, Temper: Hard

AL055115 Diameter: 0.0125mm, Temper: Hard

AL055120 Diameter: 0.025mm, Temper: Hard

AL055130 Diameter: 0.05mm, Temper: Hard

AL055140 Diameter: 0.125mm, Temper: Hard

AL055150 Diameter: 0.25mm, Temper: Hard

AL055160 Diameter: 0.5mm, Temper: Hard



Rod

AL057930 Diameter: 3mm, High Purity: 99.998%, Length: 12 mm

AL057960 Diameter: 18mm, Temper: As drawn, Length: 100 mm to 500 mm

Aluminium/Manganese (Al99.35/Mn 0.65)



Lump

AD086100 Max. Lump size: 6mm, Condition: Granular

Aluminium/Cobalt (Al99.5/Co 0.5)



Wire

AD195160 Diameter: 1mm, Temper: As drawn

Aluminium/Manganese (Al99.7/Mn 0.3)



Lump

AD066100 Max. Lump size: 6mm, Condition: Granular

Aluminium/Cobalt (Al99.9/Co 0.1)



Wire

AD205160 Diameter: 1mm

Gold/Palladium (Au75/Pd25)



Tube

AU017200 Outside Diameter: 3.0mm, Wall Thickness: 0.15mm, Inside Diameter: 2.7mm, Temper: As drawn, Length: 50 mm to 200 mm

Gold/Tin (Au80/Sn20)



Foil

AU060220 Thickness: 0.025mm, Temper: As rolled, Size: 25x25 mm to 50x50 mm

AU060250 Thickness: 0.1mm, Temper: As rolled, Size: 25x25 mm to 50x50 mm

AU060280 Thickness: 0.2mm, Temper: As rolled, Ribbon width 0.8 mm Length : 0.1 m to 1 m



Wire

AU065110 Diameter: 0.125mm, Temper: As drawn

AU065120 Diameter: 0.25mm, Temper: As drawn

AU065140 Diameter: 0.5mm, Temper: As drawn

AU065160 Diameter: 1.0mm, Temper: As drawn



Rod

AU067920 Diameter: 3.0mm, Length: 100 mm

Gold/Nickel (Au82/Ni18)

Nioro®



Foil

AU050220 Thickness: 0.05mm, Temper: As rolled, Size: 25x25 mm to 50x50 mm

AU050250 Thickness: 0.25mm, Temper: As rolled, Size: 25x25 mm to 50x50 mm



Wire

AU055125 Diameter: 0.025mm, Temper: Annealed

AU055140 Diameter: 0.25mm, Temper: Annealed

AU055150 Diameter: 0.5mm, Temper: Annealed

Gold/Germanium Eutectic (Au88/Ge12)



Foil

AU040250 Thickness: 0.025mm, Coil width 1 mm Length : 0.2 m to 5 m



Lump

AU046100 Max. Lump size: 10mm

Gold/Palladium (Au93/Pd 7)



Wire

AC015140 Diameter: 0.5mm, Temper: As drawn

Alloys

Gold/Tin (Au98/Sn 2)



Wire

AU085150 Diameter: 0.5mm

Gold/Antimony (Au99/Sb 1)



Wire

AU145140 Diameter: 0.50mm, Temper: Annealed

AU145150 Diameter: 1.0mm, Temper: Annealed

Gold/Iron (Au99.93/Fe 0.07 (Atomic %))



Wire

AU075150 Diameter: 0.050mm, Temper: Annealed

Woods Metal (Bi50/Pb25/Cd12.5/Sn12.5)



Lump

BI026100 Max. Lump size: 100mm

Roses Metal (Bi50/Pb28/Sn22)



Lump

BI036100 Max. Lump size: 100mm

Cobalt/Chromium/Iron/Nickel/ Molybdenum/Manganese (Co40/Cr20/Fe15/Ni15/Mo 7/Mn 2/C/ Be)



Wire

CO125140 Diameter: 0.25mm, Temper: Hard

CO125150 Diameter: 0.5mm, Temper: Hard

CO125160 Diameter: 1.0mm, Temper: Hard

Havar[®] - High-Strength Non- Magnetic Alloy (Co42.5/Cr20/Ni13/Fe/W/Mo/Mn)



Foil

CO010210 Thickness: 0.004mm, Temper: As rolled

CO010215 Thickness: 0.0045mm, Temper: As rolled

CO010220 Thickness: 0.005mm, Temper: As rolled

CO010230 Thickness: 0.01mm, Temper: As rolled, Coil width 100 mm, Size: 25x25 mm to 100x100 mm

CO010240 Thickness: 0.0125mm, Temper: As rolled, Coil width 190 mm, Size: 25x25 mm to 150x150 mm

CO010245 Thickness: 0.020mm, Temper: As rolled, Coil width 100 mm, Size: 25x25 mm to 100x100 mm

CO010250 Thickness: 0.025mm, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 150x150 mm

CO010270 Thickness: 0.05mm, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 150x150 mm

CO010300 Thickness: 0.075mm, Temper: As rolled, Coil width 200 mm, Size: 25x25 mm to 150x150 mm

CO010400 Thickness: 0.2mm, Temper: As rolled, Coil width 100 mm, Size: 25x25 mm to 100x100 mm

CO010410 Thickness: 0.5mm, Temper: As rolled, Coil width 212 mm, Size: 25x25 mm to 100x100 mm

Permendur 49[®] (Co49/Fe49/V 2)



Sheet

CO153025 Thickness: 0.25mm, Temper: As rolled, Size: 50x50 mm to 180x500 mm

CO153035 Thickness: 0.35mm, Temper: As rolled, Size: 60x100 mm to 195x200 mm



Rod

CO157911 Diameter: 11mm, Condition: Ground, Length: 50 mm to 200 mm

CO157940 Diameter: 25.4mm, Condition: Hot rolled (black), Length: 50 mm to 200 mm

CO157950 Diameter: 39mm, Condition: Hot rolled (black), Length: 50 mm to 100 mm

Cobalt/Chromium/Tungsten/Nickel/ Iron/Manganese (Co50/Cr20/W 15/Ni10/Fe 3/Mn 2)



Foil

CN010400 Thickness: 0.6mm, Size: 150x150 mm to 300x300 mm

Cobalt/Tungsten (Co50/W 50)



Powder

CO106010 Max. Particle size: 45micron, Condition: Alloy Pre-cursor

Cobalt/Silicon/Boron/Iron/Nickel (Co66/Si15/B 14/Fe 4/Ni 1)



Foil

CO810220 Thickness: 0.018mm, Condition: Metallic Glass, Coil width 50.8 mm Length : 0.5 m to 10 m

CO810250 Thickness: 0.025mm, Condition: Metallic Glass, Coil width 25 mm Length : 0.5 m to 10 m

Cobalt/Boron/Silicon/Iron/ Molybdenum/Nickel (Co69/B 12/Si12/Fe 4/Mo 2/Ni 1)



Foil

CO820250 Thickness: 0.025mm, Condition: Metallic Glass, Coil width 50 mm Length : 0.5 m to 20 m

Cobalt/Chromium (Co70/Cr30)



Powder

CO056010 Max. Particle size: 45micron, Condition: Alloy Pre-cursor

Cobalt/Silicon/Boron/Manganese (Co70/Si + B 23/Mn 5/Fe + Mo 2)



Foil

CO830250 Thickness: 0.025mm, Condition: Metallic Glass, Coil width 25 mm Length : 0.5 m to 100 m

CO830400 Thickness: 0.04mm, Condition: Metallic Glass, Coil width 25 mm Length : 0.5 m to 50 m

Alloys

Cobalt/Silicon/Molybdenum/Iron/ Boron/Niobium (Co78/Si 9/Mo 5/Fe 4/B 2/Nb 2)



Foil

CO840300 Thickness: **0.03mm**, Condition: Metallic Glass,
Coil width 20 mm Length : 0.5 m to 10 m

Cobalt/Aluminium (Co79/Al21)



Powder

CO036010 Max. Particle size: **150micron**, Condition:
Alloy Pre-cursor

Cobalt/Iron (Co80/Fe20)



Lump

CK226100 Max. Lump size: 5mm

Cobalt/Chromium (Co86/Cr14)



Powder

CK266010 Max. Particle size: **150micron**, Condition:
Atomised

Cobalt/Aluminium (Co90/Al10)



Powder

CO026010 Max. Particle size: **150micron**, Condition:
Alloy Pre-cursor

Cobalt/Titanium (Co94/Ti 6)



Powder

CO086010 Max. Particle size: **45micron**, Condition:
Alloy Pre-cursor

Chromium/Nickel (Cr50/Ni50)



Powder

CR026010 Max. Particle size: **420micron**

Chromium/Titanium (Cr70/Ti30)



Powder

CR156010 Max. Particle size: **150micron**, Condition:
Alloy Pre-cursor

Chromium/Aluminium (Cr80/Al20)



Powder

CR016010 Max. Particle size: **50micron**, Condition:
Alloy Pre-cursor

Constantan[®] - Resistance Alloy (Cu55/Ni45)

Ferry[®], Hecnum[®], Telconstan[®], Constantan[®]



Foil

CU040200 Thickness: **0.005mm**, Temper: As rolled, Size:
25x25 mm to 100x100 mm

CU040210 Thickness: **0.01mm**, Temper: As rolled, Coil
width 210 mm, Size: 25x25 mm to 150x150 mm

CU040220 Thickness: **0.0125mm**, Temper: As rolled, Coil
width 100 mm, Size: 25x25 mm to 100x100 mm

CU040225 Thickness: **0.02mm**, Temper: As rolled, Coil
width 100 mm, Size: 25x25 mm to 100x100 mm

CU040235 Thickness: **0.025mm**, Temper: As rolled, Coil
width 150 mm, Size: 25x25 mm to 150x150 mm

CU040236 Thickness: **0.025mm**, Temper: As rolled, Coil
width 300 mm, Size: 300x300 mm

CU040240 Thickness: **0.05mm**, Temper: As rolled, Coil
width 200 mm, Size: 25x25 mm to 150x150 mm

CU040241 Thickness: **0.05mm**, Temper: As rolled, Coil
width 300 mm, Size: 300x300 mm

CU040250 Thickness: **0.1mm**, Temper: As rolled, Coil width
150 mm, Size: 25x25 mm to 150x150 mm

CU040350 Thickness: **0.25mm**, Temper: As rolled, Coil
width 100 mm, Size: 50x50 mm to 100x100 mm

CU040380 Thickness: **0.50mm**, Temper: As rolled, Coil
width 160 mm, Size: 50x50 mm to 150x150 mm

CU040450 Thickness: **1.0mm**, Temper: Annealed, Size:
50x50 mm to 300x1000 mm



Wire

CU045110 Diameter: **0.025mm**, Temper: Annealed,
Thermocouple wire:
May be used as one component of a
Thermocouple

CU045120 Diameter: **0.05mm**, Temper: Annealed,
Thermocouple wire:
May be used as one component of a
Thermocouple

CU045130 Diameter: **0.125mm**, Temper: Annealed,
Thermocouple wire:
May be used as one component of a
Thermocouple

CU045140 Diameter: **0.25mm**, Temper: Annealed,
Thermocouple wire:
May be used as one component of a
Thermocouple

CU045150 Diameter: **0.5mm**, Temper: Annealed,
Thermocouple wire:
May be used as one component of a
Thermocouple

CU045160 Diameter: **1.0mm**, Temper: Annealed,
Thermocouple wire:
May be used as one component of a
Thermocouple



Insulated Wire

CU045815 Conductor diameter: **0.025mm**, Insulation
thickness: 0.003mm, Insulation: Polyurethane,
Thermocouple wire:
May be used as one component of a
Thermocouple

CU045820 Conductor diameter: **0.05mm**, Insulation
thickness: 0.005mm, Insulation: Polyimide,
Thermocouple wire:
May be used as one component of a
Thermocouple

CU045830 Conductor diameter: **0.07mm**, Insulation
thickness: 0.01mm, Insulation: Polyurethane,
Thermocouple wire:
May be used as one component of a
Thermocouple

CU045840 Conductor diameter: **0.1mm**, Insulation
thickness: 0.01mm, Insulation: Polyimide,
Thermocouple wire:
May be used as one component of a
Thermocouple

CU045845 Conductor diameter: **0.125mm**, Insulation
thickness: 0.01mm, Insulation: Polyimide,
Thermocouple wire:
May be used as one component of a
Thermocouple

Alloys

Rod

- CU047906** Diameter: **3.2mm**, Temper: Annealed, Length: 100 mm to 1000 mm
- CU047910** Diameter: **4.0mm**, Temper: Annealed, Length: 100 mm to 1000 mm
- CU047920** Diameter: **8mm**, Temper: Annealed, Length: 100 mm to 1000 mm
- CU047940** Diameter: **25.4mm**, Condition: Cold finished, Length: 50 mm to 200 mm

Copper/Titanium (Cu56.4/Ti43.6)

Powder

- CU276010** Max. Particle size: **45micron**, Condition: Alloy Pre-cursor

Leaded Brass (Cu58/Zn39/Pb 3)

Rod

- CW147910** Diameter: **10.0mm**, Length: 100 mm to 1000 mm
- CW147920** Diameter: **20.0mm**, Length: 100 mm to 1000 mm

Nickel Silver (Cu62/Ni18/Zn20)

Awa[®], Nickeloid[®], Silmet[®], Spedex[®]

Foil

- CU100400** Thickness: **0.30mm**, Temper: As rolled, Size: 100x100 mm to 300x300 mm
- CU100450** Thickness: **0.60mm**, Temper: Annealed, Size: 100x100 mm to 600x600 mm

Tube

- CU107100** Outside Diameter: **0.91mm**, Wall Thickness: 0.19mm, Inside Diameter: 0.53mm, Temper: As drawn, Length: 500 mm to 1000 mm
- CU107120** Outside Diameter: **1.0mm**, Wall Thickness: 0.1mm, Inside Diameter: 0.8mm, Temper: As drawn, Length: 500 mm to 1000 mm
- CU107160** Outside Diameter: **1.28mm**, Wall Thickness: 0.120mm, Inside Diameter: 1.04mm, Temper: As drawn, Length: 500 mm to 1000 mm
- CU107180** Outside Diameter: **1.3mm**, Wall Thickness: 0.275mm, Inside Diameter: 0.75mm, Temper: As drawn, Length: 500 mm to 1000 mm
- CU107200** Outside Diameter: **1.4mm**, Wall Thickness: 0.3mm, Inside Diameter: 0.8mm, Temper: As drawn, Length: 500 mm to 1000 mm
- CU107220** Outside Diameter: **1.5mm**, Wall Thickness: 0.17mm, Inside Diameter: 1.16mm, Temper: As drawn, Length: 500 mm to 1000 mm
- CU107240** Outside Diameter: **1.6mm**, Wall Thickness: 0.15mm, Inside Diameter: 1.3mm, Temper: As drawn, Length: 500 mm to 1000 mm
- CU107260** Outside Diameter: **1.7mm**, Wall Thickness: 0.2mm, Inside Diameter: 1.3mm, Temper: As drawn, Length: 500 mm to 1000 mm
- CU107320** Outside Diameter: **1.8mm**, Wall Thickness: 0.45mm, Inside Diameter: 0.9mm, Temper: As drawn, Length: 500 mm to 1000 mm
- CU107300** Outside Diameter: **1.8mm**, Wall Thickness: 0.28mm, Inside Diameter: 1.24mm, Temper: As drawn, Length: 500 mm to 1000 mm
- CU107280** Outside Diameter: **1.8mm**, Wall Thickness: 0.175mm, Inside Diameter: 1.45mm, Temper: As drawn, Length: 500 mm to 1000 mm

- CU107340** Outside Diameter: **2.0mm**, Wall Thickness: 0.5mm, Inside Diameter: 1mm, Temper: As drawn, Length: 500 mm to 1000 mm

- CU107360** Outside Diameter: **2.3mm**, Wall Thickness: 0.2mm, Inside Diameter: 1.9mm, Temper: As drawn, Length: 500 mm to 1000 mm

- CU107380** Outside Diameter: **3.0mm**, Wall Thickness: 0.075mm, Inside Diameter: 2.85mm, Temper: As drawn, Length: 500 mm to 1000 mm

- CU107400** Outside Diameter: **4.0mm**, Wall Thickness: 0.25mm, Inside Diameter: 3.5mm, Temper: As drawn, Length: 500 mm to 1000 mm

Brass (Cu63/Zn37)

Boltomet L[®], IMI 237[®], MS 63

Foil

- CU020200** Thickness: **0.005mm**, Temper: As rolled
- CU020205** Thickness: **0.008mm**, Temper: Hard, Coil width 200 mm, Size: 25x25 mm to 200x200 mm
- CU020208** Thickness: **0.01mm**, Temper: Hard, Coil width 300 mm Length : 0.5 m to 5 m
- CU020210** Thickness: **0.0125mm**, Temper: Half hard, Coil width 150 mm, Size: 25x25 mm to 150x150 mm
- CU020220** Thickness: **0.025mm**, Temper: Hard, Coil width 150 mm, Size: 25x25 mm to 150x150 mm
- CU020230** Thickness: **0.038mm**, Temper: Hard, Coil width 150 mm, Size: 25x25 mm to 150x150 mm
- CU020240** Thickness: **0.05mm**, Temper: Half hard, Coil width 150 mm, Size: 25x25 mm to 150x150 mm
- CU020250** Thickness: **0.075mm**, Temper: Half hard, Coil width 165 mm, Size: 25x25 mm to 150x150 mm
- CU020260** Thickness: **0.1mm**, Temper: Half hard, Coil width 150 mm, Size: 25x25 mm to 150x150 mm
- CU020261** Thickness: **0.1mm**, Temper: Hard, Condition: Flat, Size: 150x150 mm to 300x450 mm
- CU020270** Thickness: **0.125mm**, Temper: Half hard, Coil width 150 mm, Size: 25x25 mm to 150x150 mm
- CU020276** Thickness: **0.125mm**, Temper: Half hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- CU020280** Thickness: **0.15mm**, Temper: Half hard, Coil width 150 mm, Size: 25x25 mm to 150x150 mm
- CU020291** Thickness: **0.15mm**, Temper: Half hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- CU020300** Thickness: **0.25mm**, Temper: Half hard, Coil width 150 mm, Size: 25x25 mm to 150x150 mm
- CU020301** Thickness: **0.25mm**, Temper: Half hard, Coil width 300 mm, Size: 300x300 mm
- CU020375** Thickness: **0.38mm**, Temper: Half hard, Coil width 165 mm, Size: 25x25 mm to 150x150 mm
- CU020400** Thickness: **0.5mm**, Temper: Half hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- CU020450** Thickness: **1.0mm**, Temper: Half hard, Size: 50x50 mm to 600x600 mm
- CU020600** Thickness: **2.0mm**, Temper: Half hard, Size: 50x50 mm to 600x600 mm
- CU020620** Thickness: **3.0mm**, Temper: Half hard, Size: 75x75 mm to 300x300 mm
- CU020650** Thickness: **6.0mm**, Temper: Half hard, Size: 75x75 mm to 300x300 mm

Wire

- CU025130** Diameter: **0.125mm**, Temper: Hard

Alloys

CU025140 Diameter: **0.25mm**, Temper: Hard

CU025150 Diameter: **0.5mm**, Temper: Hard

CU025160 Diameter: **1.0mm**, Temper: Hard



Rod

CU027910 Diameter: **2.0mm**, Temper: As drawn, Length: 100 mm to 1000 mm

CU027920 Diameter: **5.0mm**, Temper: As drawn, Length: 100 mm to 1000 mm

CU027930 Diameter: **10.0mm**, Temper: Annealed, Length: 100 mm to 1000 mm



Tube

CU027100 Outside Diameter: **0.61mm**, Wall Thickness: 0.18mm, Inside Diameter: 0.25mm, Temper: As drawn, Length: 100 mm to 900 mm

CU027150 Outside Diameter: **0.76mm**, Wall Thickness: 0.25mm, Inside Diameter: 0.26mm, Temper: As drawn, Length: 100 mm to 1000 mm

CU027170 Outside Diameter: **1.18mm**, Wall Thickness: 0.23mm, Inside Diameter: 0.72mm, Temper: As drawn, Length: 100 mm to 1000 mm

CU027171 Outside Diameter: **1.18mm**, Wall Thickness: 0.23mm, Inside Diameter: 0.72mm, Temper: As drawn, Length: 31 mm

CU027200 Outside Diameter: **1.5mm**, Wall Thickness: 0.25mm, Inside Diameter: 1mm, Temper: As drawn, Length: 100 mm to 1000 mm

CU027250 Outside Diameter: **1.83mm**, Wall Thickness: 0.27mm, Inside Diameter: 1.29mm, Temper: As drawn, Length: 100 mm to 1000 mm

CU027280 Outside Diameter: **2.2mm**, Wall Thickness: 0.57mm, Inside Diameter: 1.06mm, Temper: As drawn, Length: 100 mm to 1000 mm

CU027300 Outside Diameter: **2.26mm**, Wall Thickness: 0.28mm, Inside Diameter: 1.7mm, Temper: As drawn, Length: 100 mm to 1000 mm

CU027500 Outside Diameter: **3.0mm**, Wall Thickness: 0.5mm, Inside Diameter: 2mm, Temper: As drawn, Length: 100 mm to 1000 mm

CU027450 Outside Diameter: **3.0mm**, Wall Thickness: 0.3mm, Inside Diameter: 2.4mm, Temper: As drawn, Length: 100 mm to 1000 mm

CU027600 Outside Diameter: **3.56mm**, Wall Thickness: 0.41mm, Inside Diameter: 2.74mm, Temper: As drawn, Length: 100 mm to 1000 mm

CU027750 Outside Diameter: **7.0mm**, Wall Thickness: 1.25mm, Inside Diameter: 4.50mm, Temper: Hard, Length: 100 mm to 1000 mm

Copper/Iron (Cu70/Fe30)



Powder

CU036010 Max. Particle size: **150micron**, Condition: Alloy Pre-cursor

Copper/Nickel (Cu70/Ni30)



Rod

CU137920 Diameter: **12.7mm**, Temper: As drawn, Length: 200 mm to 1000 mm



Tube

CU137200 Outside Diameter: **1.0mm**, Wall Thickness: 0.1mm, Inside Diameter: 0.8mm, Length: 100 mm to 1000 mm

Copper/Titanium (Cu70/Ti30)



Powder

CU266010 Max. Particle size: **45micron**, Condition: Alloy Pre-cursor

Brass (Cu70/Zn30)

Boltomet 570[®], Cartridge Brass, IMI 276[®], MS 72



Wire

CU085110 Diameter: **0.025mm**, Temper: As drawn

CU085120 Diameter: **0.05mm**, Temper: As drawn

CU085300 Diameter: **0.6mm**, Temper: As drawn



Tube

CU087300 Outside Diameter: **3.56mm**, Wall Thickness: 0.41mm, Inside Diameter: 2.74mm, Temper: As drawn, Length: 100 mm to 1000 mm



Powder

CU086010 Max. Particle size: **75micron**, Condition: Atomised

CU086011 Max. Particle size: **100micron**, Condition: Atomised



Sphere

CU086820 Diameter: **2.0mm**

CU086840 Diameter: **3.0mm**

Copper/Zirconium (Cu70/Zr30)



Powder

CU236010 Max. Particle size: **150micron**, Condition: Alloy Pre-cursor

Copper/Platinum (Cu75/Pt25 (Atomic %))



Lump

CY076100 Max. Lump size: **20mm**

Copper/Lead (Cu80/Pb20)



Powder

CU156010 Max. Particle size: **150micron**, Condition: Alloy Pre-cursor

Copper/Tin (Cu80/Sn20)



Powder

CU226020 Max. Particle size: **53micron**

Copper/Silicon (Cu85/Si15)



Powder

CU176011 Max. Particle size: **150micron**

CU176010 Max. Particle size: **150micron**, Condition: Alloy Pre-cursor

Gilding Metal (Cu85/Zn15)

Boltomet 514[®], Brown metal, IMI 215[®], MS 85, Red Brass



Wire

CU115100 Diameter: **0.061mm**, Temper: As drawn

CU115200 Diameter: **0.711mm**, Temper: As drawn

Alloys

Manganin® - Resistance Alloy (Cu86/Mn12/Ni 2)

Foil

- CU060200** Thickness: **0.005mm**, Size: 25x25 mm to 50x50 mm
- CU060210** Thickness: **0.015mm**, Temper: As rolled, Coil width 190 mm Length : 0.5 m to 2 m
- CU060220** Thickness: **0.02mm**, Temper: As rolled, Coil width 200 mm Length : 0.5 m to 2 m
- CU060230** Thickness: **0.025mm**, Temper: Annealed, Coil width 150 mm, Size: 25x25 mm to 150x150 mm
- CU060240** Thickness: **0.04mm**, Temper: Annealed, Coil width 200 mm, Size: 25x25 mm to 200x300 mm
- CU060500** Thickness: **0.5mm**, Temper: Annealed, Size: 50x50 mm to 300x1000 mm
- CU060510** Thickness: **0.635mm**, Temper: Annealed, Coil width 100 mm Length : 0.1 m to 2 m
- CU060550** Thickness: **1.0mm**, Temper: Annealed, Size: 50x50 mm to 300x1000 mm
- CU060575** Thickness: **2.0mm**, Temper: Annealed, Size: 50x50 mm to 300x500 mm

Wire

- CU065110** Diameter: **0.025mm**, Temper: Annealed
- CU065120** Diameter: **0.05mm**, Temper: Annealed
- CU065130** Diameter: **0.125mm**, Temper: Annealed
- CU065140** Diameter: **0.25mm**, Temper: Annealed
- CU065145** Diameter: **0.4mm**, Temper: Annealed
- CU065150** Diameter: **0.5mm**, Temper: Annealed
- CU065155** Diameter: **0.7mm**, Temper: Annealed
- CU065160** Diameter: **1.0mm**, Temper: Annealed

Insulated Wire

- CU065805** Conductor diameter: **0.030mm**, Insulation thickness: 0.004mm, Insulation: Polyimide
- CU065810** Conductor diameter: **0.05mm**, Insulation thickness: 0.004mm, Insulation: Polyester
- CU065815** Conductor diameter: **0.05mm**, Insulation thickness: 0.004mm, Insulation: Polyimide
- CU065825** Conductor diameter: **0.25mm**, Insulation thickness: 0.02mm, Insulation: Polyimide

Rod

- CU067910** Diameter: **3.0mm**, Temper: Annealed, Length: 100 mm to 1000 mm
- CU067920** Diameter: **8mm**, Temper: Annealed, Length: 100 mm to 1000 mm

Powder

- CU066010** Max. Particle size: **420micron**, Min. Particle size: 180micron

Copper/Zirconium (Cu87/Zr13)

Powder

- CU246010** Max. Particle size: **45micron**, Condition: Alloy Pre-cursor

Bronze (Cu89/Sn11)

Powder

- CU096010** Max. Particle size: **150micron**, Condition: Atomised

Copper/Silver (Cu90/Ag10)

Rod

- CY277920** Diameter: **15mm**, Temper: As drawn, Length: 100 mm to 1000 mm

Copper/Titanium (Cu90/Ti10)

Powder

- CU256011** Max. Particle size: **45micron**, Condition: Atomised
- CU256010** Max. Particle size: **45micron**, Condition: Alloy Pre-cursor

Phosphor Bronze (Cu94/Sn 6)

Foil

- CU050200** Thickness: **0.005mm**, Temper: As rolled, Coil width 115 mm, Size: 25x25 mm to 115x150 mm
- CU050210** Thickness: **0.02mm**, Temper: As rolled, Coil width 200 mm Length : 0.5 m to 5 m
- CU050220** Thickness: **0.025mm**, Temper: As rolled, Coil width 200 mm, Size: 25x25 mm to 200x300 mm
- CU050240** Thickness: **0.05mm**, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 150x150 mm
- CU050245** Thickness: **0.076mm**, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 150x150 mm
- CU050250** Thickness: **0.125mm**, Temper: Hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- CU050255** Thickness: **0.2mm**, Temper: Hard, Coil width 6 mm Length : 5 m to 50 m
- CU050260** Thickness: **0.25mm**, Temper: Hard, Coil width 310 mm, Size: 25x25 mm to 300x300 mm

Sheet

- CU053150** Thickness: **3.2mm**, Temper: Hard, Size: 150x150 mm to 300x300 mm

Wire

- CU055110** Diameter: **0.01mm**, Temper: As drawn
- CU055120** Diameter: **0.025mm**, Temper: Hard
- CU055130** Diameter: **0.05mm**, Temper: As drawn
- CU055140** Diameter: **0.125mm**, Temper: As drawn
- CU055150** Diameter: **0.25mm**, Temper: As drawn
- CU055350** Diameter: **0.5mm**, Temper: Annealed, Condition: Straight wire
- CU055160** Diameter: **0.5mm**, Temper: As drawn
- CU055170** Diameter: **1.0mm**, Temper: As drawn

Insulated Wire

- CU055830** Conductor diameter: **0.125mm**, Insulation thickness: 0.01mm, Insulation: Polyimide
- CU055840** Conductor diameter: **0.25mm**, Insulation thickness: 0.018mm, Insulation: Polyimide

Rod

- CU057910** Diameter: **12.7mm**, Length: 100 mm to 1000 mm
- CU057920** Diameter: **25.4mm**, Length: 100 mm to 1000 mm

Alloys

CU057940 Diameter: **50.8mm**, Length: 100 mm to 500 mm

Copper/Silver (Cu95/Ag 5)



Rod

CY137920 Diameter: **15mm**, Temper: As drawn, Length: 100 mm to 1000 mm

Copper/Gold (Cu95/Au 5)



Lump

CY286100 Max. Lump size: **10mm**

Copper/Cobalt/Beryllium (Cu97/Co 2.5/Be 0.5)



Rod

CY267910 Diameter: **6mm**, Length: 100 mm to 1000 mm

CY267940 Diameter: **25mm**, Length: 100 mm to 1000 mm

Copper/Silver (Cu98/Ag 2)



Powder

CU186010 Max. Particle size: **45micron**, Condition: Alloy Pre-cursor

Copper/Beryllium (Cu98/Be 2)

Amppocoloy 84[®], Berylco[®], Brush 190[®], Mallory[®]



Foil

CU070225 Thickness: **0.005mm**, Temper: As rolled, Coil width 100 mm, Size: 25x25 mm to 100x100 mm

CU070230 Thickness: **0.0065mm**, Temper: As rolled, Coil width 90 mm Length : 0.2 m to 1 m

CU070250 Thickness: **0.0076mm**, Temper: As rolled, Size: 25x25 mm to 89x100 mm

CU070260 Thickness: **0.01mm**, Temper: As rolled, Coil width 220 mm Length : 0.2 m to 1 m

CU070275 Thickness: **0.02mm**, Temper: As rolled, Coil width 200 mm, Size: 25x25 mm to 200x300 mm

CU070280 Thickness: **0.025mm**, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 150x150 mm

CU070300 Thickness: **0.05mm**, Temper: Half hard, Coil width 292 mm, Size: 25x25 mm to 150x150 mm

CU070330 Thickness: **0.075mm**, Temper: Half hard, Coil width 150 mm, Size: 25x25 mm to 150x150 mm

CU070340 Thickness: **0.1mm**, Temper: Half hard, Coil width 210 mm, Size: 25x25 mm to 150x150 mm

CU070350 Thickness: **0.125mm**, Temper: Half hard, Coil width 305 mm, Size: 25x25 mm to 300x300 mm

CU070360 Thickness: **0.15mm**, Temper: Half hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

CU070380 Thickness: **0.2mm**, Temper: Annealed, Coil width 230 mm, Size: 25x25 mm to 150x150 mm

CU070450 Thickness: **0.25mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

CU070475 Thickness: **0.38mm**, Temper: Annealed, Coil width 166 mm, Size: 25x25 mm to 150x150 mm

CU070501 Thickness: **0.5mm**, Temper: Half hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

CU070525 Thickness: **0.75mm**, Temper: Half hard, Coil width 310 mm, Size: 25x25 mm to 300x300 mm

CU070550 Thickness: **1.0mm**, Temper: Annealed, Coil width 215 mm, Size: 25x25 mm to 200x200 mm

CU070601 Thickness: **3.0mm**, Temper: 1/4 Hard, Coil width 180 mm, Size: 90x90 mm to 180x180 mm

CU070600 Thickness: **3.0mm**, Temper: Annealed, Coil width 215 mm, Size: 50x50 mm to 200x200 mm

CU070650 Thickness: **6.35mm**, Temper: Hard, Size: 50x50 mm to 100x100 mm



Wire

CU075110 Diameter: **0.025mm**, Temper: Hard

CU075111 Diameter: **0.030mm**, Temper: Hard

CU075115 Diameter: **0.05mm**, Temper: Hard

CU075118 Diameter: **0.075mm**, Temper: Hard

CU075120 Diameter: **0.125mm**, Temper: Hard

CU075130 Diameter: **0.25mm**, Temper: Hard

CU075132 Diameter: **0.30mm**, Temper: Annealed

CU075320 Diameter: **0.5mm**, Condition: Straight wire, Temper: Hard

CU075140 Diameter: **0.5mm**, Temper: Hard

CU075340 Diameter: **1.0mm**, Condition: Straight wire, Temper: Hard

CU075150 Diameter: **1.0mm**, Temper: Hard

CU075160 Diameter: **1.63mm**, Temper: Hard



Insulated Wire

CU075820 Conductor diameter: **0.025mm**, Insulation thickness: 0.004mm, Insulation: Polyimide, Temper: Hard



Rod

CU077910 Diameter: **3.2mm**, Temper: Half hard, Length: 100 mm to 1000 mm

CU077920 Diameter: **4.8mm**, Temper: Hard, Length: 100 mm to 1000 mm

CU077925 Diameter: **6.35mm**, Temper: Hard, Length: 100 mm to 1000 mm

CU077930 Diameter: **9.5mm**, Temper: As drawn, Length: 100 mm to 1000 mm

CU077940 Diameter: **12.7mm**, Temper: As drawn, Length: 100 mm to 1000 mm

CU077960 Diameter: **31.75mm**, Temper: Hard, Length: 100 mm to 200 mm

Copper/Chromium/Zirconium (Cu98.9/Cr 1.0/Zr 0.1)



Rod

CY257925 Diameter: **25mm**, Length: 100 mm to 1000 mm

Copper/Tellurium (Cu99.5/Te 0.5)



Rod

CY247910 Diameter: **12.7mm**, Length: 100 mm to 1000 mm

CY247925 Diameter: **25mm**, Length: 100 mm to 1000 mm

Alloys

Magnetic Copper (Cu99.96/Fe 0.04)



Wire

CU805100 Diameter: **0.5mm**, Filament diameter: 0.1 microns, Number of filaments: 16

Tinned Copper (CuSn)



Foil

CU200250 Thickness: **0.05mm**, Temper: Annealed, Condition: Sn60/Pb40 coated, Coil width 15 mm Length : 0.5 m to 20 m



Wire

CU205140 Diameter: **0.25mm**, Temper: Annealed, Condition: Pure Sn coated

Iron/Nickel/Boron (Fe40/Ni38/B 18/Mo 4)



Foil

FE830250 Thickness: **0.025mm**, Condition: Metallic Glass, Coil width 50 mm Length : 0.5 m to 10 m

Iron/Nickel (Fe50/Ni50)



Wire

FE075160 Diameter: **1.0mm**, Temper: Annealed



Powder

FE076020 Max. Particle size: **45micron**

Iron/Nickel (Fe52/Ni48)

Audiolloy[®], Nilo[®] alloy 48



Foil

FF010300 Thickness: **0.75mm**, Temper: Annealed, Coil width 200 mm, Size: 25x25 mm to 150x150 mm



Wire

FF015150 Diameter: **0.5mm**, Temper: Annealed

Glass Sealing Alloy (Fe54/Ni29/Co17)

Dilver P[®], Nicoseal[®], Nicosel[®], Nilo[®] K, Rodar[®], Telcoseal 1[®], Kovar[®] (CRS Holdings Inc a subsidiary of Carpenter Technology Corporation)



Foil

FE040210 Thickness: **0.025mm**, Temper: Annealed, Coil width 156 mm, Size: 25x25 mm to 150x150 mm

FE040240 Thickness: **0.05mm**, Temper: Annealed, Coil width 150 mm, Size: 25x25 mm to 150x150 mm

FE040200 Thickness: **0.125mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

FE040300 Thickness: **0.25mm**, Temper: Annealed, Coil width 200 mm, Size: 25x25 mm to 150x150 mm

FE040305 Thickness: **0.30mm**, Temper: Annealed, Coil width 200 mm, Size: 25x25 mm to 150x150 mm

FE040310 Thickness: **0.5mm**, Temper: Annealed, Size: 25x25 mm to 300x300 mm

FE040330 Thickness: **0.75mm**, Temper: Annealed

FE040350 Thickness: **1.0mm**, Temper: Annealed, Size: 50x50 mm to 150x150 mm

FE040380 Thickness: **1.5mm**, Temper: Annealed, Size: 50x50 mm to 150x150 mm



Sheet

FE043200 Thickness: **3.2mm**, Temper: Annealed, Size: 100x100 mm to 300x300 mm

FE043300 Thickness: **6.35mm**, Temper: Annealed, Size: 50x50 mm to 100x100 mm

FE043350 Thickness: **12.7mm**, Temper: Annealed, Size: 50x50 mm to 100x100 mm



Wire

FE045050 Diameter: **0.05mm**, Temper: As drawn

FE045120 Diameter: **0.12mm**, Temper: As drawn

FE045251 Diameter: **0.25mm**, Temper: As drawn, Condition: Straight wire

FE045250 Diameter: **0.25mm**, Temper: As drawn

FE045350 Diameter: **0.5mm**, Temper: Annealed

FE045375 Diameter: **0.75mm**, Temper: Annealed

FE045400 Diameter: **1.0mm**, Temper: As drawn



Rod

FE047900 Diameter: **1.25mm**, Length: 100 mm to 1000 mm

FE047901 Diameter: **1.6mm**, Length: 100 mm to 1000 mm

FE047902 Diameter: **2.0mm**, Length: 100 mm to 1000 mm

FE047905 Diameter: **3.2mm**, Length: 100 mm to 1000 mm

FE047910 Diameter: **6.35mm**, Length: 100 mm to 1000 mm

FE047925 Diameter: **12.7mm**, Length: 50 mm to 500 mm

FE047935 Diameter: **19mm**, Length: 50 mm to 500 mm

FE047950 Diameter: **25mm**, Length: 50 mm to 500 mm

FE047955 Diameter: **38.1mm**, Length: 50 mm to 200 mm

FE047960 Diameter: **50mm**, Length: 50 mm to 200 mm

FE047965 Diameter: **63.5mm**, Length: 50 mm to 200 mm

FE047970 Diameter: **76mm**, Length: 100 mm to 200 mm

FE047990 Diameter: **100mm**, Length: 50 mm to 200 mm



Tube

FE047100 Outside Diameter: **0.6mm**, Wall Thickness: 0.1mm, Inside Diameter: 0.4mm, Temper: As drawn, Length: 100 mm to 1000 mm

FE047301 Outside Diameter: **2.0mm**, Wall Thickness: 0.5mm, Inside Diameter: 1.0mm, Temper: As drawn, Length: 100 mm to 1000 mm

FE047410 Outside Diameter: **3.175mm**, Wall Thickness: 0.254mm, Inside Diameter: 2.667mm, Temper: As drawn, Length: 100 mm to 1000 mm

FE047470 Outside Diameter: **4.24mm**, Wall Thickness: 0.38mm, Inside Diameter: 3.48mm, Temper: As drawn, Length: 100 mm to 1000 mm

FE047600 Outside Diameter: **6.0mm**, Wall Thickness: 0.5mm, Inside Diameter: 5mm, Temper: As drawn, Length: 100 mm to 1000 mm

FE047650 Outside Diameter: **6.35mm**, Wall Thickness: 0.25mm, Inside Diameter: 5.85mm, Temper: As drawn, Length: 100 mm to 1000 mm



Powder

FE046011 Max. Particle size: **45micron**, Condition: Atomised

FE046010 Max. Particle size: **150micron**, Condition: Alloy Pre-cursor

Alloys

Iron/Nickel (Fe55/Ni45)



Foil

FE180400 Thickness: **0.1mm**, Coil width 150 mm, Size: 25x25 mm to 150x150 mm



Rod

FE187910 Diameter: **6.0mm**, Length: 100 mm to 1000 mm

FE187925 Diameter: **13.5mm**, Length: 100 mm to 1000 mm

Iron/Nickel (Fe58/Ni42)



Foil

FE130250 Thickness: **0.125mm**, Size: 100x100 mm to 200x200 mm



Sheet

FE133150 Thickness: **3.2mm**, Temper: Annealed, Size: 100x100 mm



Powder

FE136011 Max. Particle size: **45micron**, Condition: Atomised

FE136010 Max. Particle size: **150micron**, Condition: Alloy Pre-cursor

Iron/Titanium (Fe60/Ti40)



Powder

FE156010 Max. Particle size: **150micron**, Condition: Alloy Pre-cursor

Iron/Nickel (Fe61/Ni39)



Foil

FK120275 Thickness: **0.25mm**, Coil width 200 mm, Size: 50x50 mm to 200x200 mm

Iron/Molybdenum (Fe64/Mo36)



Lump

FK136100 Max. Lump size: **50mm**, Condition: Nominal 100g ingots

Invar® - Controlled Expansion Alloy (Fe64/Ni36)

Invar 36®, Nilo® alloy 36, Nilvar, NS 36, Permalloy D®, Radio metal 36®, Vacodil 36®



Foil

FE020210 Thickness: **0.008mm**, Size: 25x25 mm to 50x50 mm

FE020220 Thickness: **0.02mm**, Coil width 200 mm, Size: 25x25 mm to 150x150 mm

FE020225 Thickness: **0.025mm**, Coil width 305 mm, Size: 25x25 mm to 300x300 mm

FE020265 Thickness: **0.125mm**, Temper: Half hard, Coil width 150 mm, Size: 25x25 mm to 150x150 mm

FE020275 Thickness: **0.25mm**, Temper: Annealed, Coil width 150 mm, Size: 25x25 mm to 150x150 mm

FE020350 Thickness: **0.5mm**, Temper: Annealed, Size: 25x25 mm to 200x900 mm

FE020351 Thickness: **0.5mm**, Temper: Annealed, Size: 300x300 mm to 600x600 mm

FE020400 Thickness: **1.0mm**, Temper: Annealed, Size: 50x50 mm to 300x330 mm

FE020450 Thickness: **1.5mm**, Temper: Annealed, Size: 50x50 mm to 300x300 mm



Sheet

FE023120 Thickness: **2.5mm**, Temper: Annealed, Size: 150x150 mm

FE023150 Thickness: **3.2mm**, Temper: Annealed, Size: 100x100 mm

FE023200 Thickness: **6.35mm**, Temper: Annealed, Size: 100x100 mm

FE023000 Thickness: **12.7mm**, Temper: Annealed, Size: 50x50 mm to 100x100 mm

FE023250 Thickness: **16mm**, Temper: Annealed, Size: 103x104 mm

FE023280 Thickness: **25mm**, Temper: Annealed, Size: 59.5x59.5 mm



Wire

FE025010 Diameter: **0.01mm**, Temper: Annealed

FE025100 Diameter: **0.05mm**, Temper: Annealed

FE025120 Diameter: **0.12mm**, Temper: Annealed

FE025250 Diameter: **0.25mm**, Temper: Annealed

FE025350 Diameter: **0.5mm**, Temper: Annealed

FE025360 Diameter: **0.6mm**, Temper: Annealed

FE025401 Diameter: **1mm**, Temper: Annealed, Condition: Straight wire

FE025400 Diameter: **1mm**, Temper: Annealed



Rod

FE027902 Diameter: **1.6mm**, Length: 100 mm to 1000 mm

FE027903 Diameter: **2.0mm**, Length: 100 mm to 1000 mm

FE027905 Diameter: **3.2mm**, Length: 100 mm to 1000 mm

FE027910 Diameter: **6.35mm**, Length: 100 mm to 1000 mm

FE027925 Diameter: **12.7mm**, Length: 100 mm to 1000 mm

FE027935 Diameter: **19mm**, Length: 100 mm to 500 mm

FE027950 Diameter: **25mm**, Length: 100 mm to 500 mm

FE027955 Diameter: **38.1mm**, Length: 50 mm to 200 mm

FE027960 Diameter: **50mm**, Length: 100 mm to 1000 mm

FE027970 Diameter: **63mm**, Length: 50 mm to 1000 mm

FE027980 Diameter: **75mm**, Length: 50 mm to 200 mm

FE027990 Diameter: **100mm**, Length: 50 mm to 200 mm



Tube

FE027200 Outside Diameter: **2.2mm**, Wall Thickness: 0.16mm, Inside Diameter: 1.88mm, Length: 100 mm to 1000 mm



Powder

FE026011 Max. Particle size: **45micron**, Condition: Atomised

FE026010 Max. Particle size: **150micron**, Condition: Alloy Pre-cursor

Aluchrom O® - Resistance Alloy (Fe70/Cr25/Al 5)



Wire

FE065130 Diameter: **0.125mm**, Temper: Annealed

FE065140 Diameter: **0.25mm**, Temper: Annealed

FE065150 Diameter: **0.5mm**, Temper: Annealed

FE065160 Diameter: **1.0mm**, Temper: Annealed

Alloys

Fecralloy® - Iron/Chromium (Fe72.8/Cr22/Al 5/Y 0.1/Zr 0.1)

Foil

- FE080210** Thickness: **0.020mm**, Temper: As rolled, Size: 25x25 mm to 50x50 mm
- FE080240** Thickness: **0.05mm**, Temper: As rolled, Coil width 50 mm Length : 1 m to 20 m
- FE080245** Thickness: **0.05mm**, Temper: As rolled, Coil width 78 mm Length : 0.1 m to 2 m
- FE080250** Thickness: **0.05mm**, Temper: As rolled, Size: 50x50 mm to 100x100 mm
- FE080251** Thickness: **0.05mm**, Temper: As rolled, Coil width 250 mm, Size: 100x100 mm to 200x200 mm
- FE080252** Thickness: **0.05mm**, Temper: Annealed, Coil width 250 mm, Size: 50x50 mm to 100x100 mm
- FE080260** Thickness: **0.1mm**, Temper: Annealed, Coil width 68 mm Length : 0.5 m to 10 m
- FE080270** Thickness: **0.2mm**, Temper: Annealed, Coil width 130 mm Length : 0.2 m to 2 m
- FE080280** Thickness: **0.3mm**, Temper: Annealed, Coil width 195 mm, Size: 50x100 mm to 50x200 mm
- FE080500** Thickness: **0.5mm**, Temper: As rolled, Size: 100x100 mm to 200x1000 mm
- FE080600** Thickness: **1.0mm**, Temper: As rolled, Size: 50x50 mm to 200x500 mm
- FE080750** Thickness: **2.0mm**, Temper: As rolled, Size: 50x50 mm to 200x500 mm

Sheet

- FE083200** Thickness: **5mm**, Temper: As rolled, Size: 100x100 mm to 200x200 mm

Wire

- FE085100** Diameter: **0.125mm**, Temper: As drawn
- FE085120** Diameter: **0.25mm**, Temper: Annealed
- FE085130** Diameter: **0.5mm**, Temper: Annealed
- FE085140** Diameter: **0.914mm**, Temper: Annealed

Rod

- FE087902** Diameter: **1.8mm**, Length: 100 mm to 1000 mm
- FE087905** Diameter: **3.2mm**, Length: 100 mm to 1000 mm
- FE087920** Diameter: **12mm**, Length: 100 mm to 1000 mm
- FE087925** Diameter: **16mm**, Length: 100 mm to 1000 mm
- FE087940** Diameter: **25mm**, Length: 100 mm to 500 mm
- FE087945** Diameter: **38mm**, Length: 50 mm to 200 mm
- FE087950** Diameter: **50mm**, Length: 50 mm to 100 mm

Tube

- FE087250** Outside Diameter: **6.0mm**, Wall Thickness: 0.4mm, Inside Diameter: 5.2mm, Length: 100 mm to 1000 mm
- FE087450** Outside Diameter: **12.7mm**, Wall Thickness: 0.8mm, Inside Diameter: 11.1mm, Length: 50 mm to 500 mm
- FE087500** Outside Diameter: **15mm**, Wall Thickness: 1.5mm, Inside Diameter: 12mm, Length: 50 mm to 500 mm

Lump

- FE086100** Max. Lump size: **50mm**, Condition: Pellets

Chromaloy O® - Resistance Alloy (Fe75/Cr20/Al 5)

Wire

- FE885125** Diameter: **0.25mm**, Temper: Annealed
- FE885150** Diameter: **0.5mm**, Temper: Annealed

Iron/Boron/Silicon (Fe77.5/B 15/Si 7.5)

Wire

- FE845020** Diameter: **0.02mm**, Condition: Metallic Glass
- FE845050** Diameter: **0.05mm**, Condition: Metallic Glass
- FE845100** Diameter: **0.125mm**, Condition: Metallic Glass

Iron/Boron/Silicon (Fe78/B 13/Si 9)

Foil

- FE810250** Thickness: **0.025mm**, Condition: Metallic Glass, Coil width 50 mm Length : 0.5 m to 10 m

Iron/Boron/Silicon (Fe79/B 16/Si 5)

Foil

- FE820250** Thickness: **0.025mm**, Condition: Metallic Glass, Coil width 50 mm Length : 0.5 m to 10 m

Iron/Boron/Silicon (Fe81/B 13.5/Si 3.5/C 2)

Foil

- FE800250** Thickness: **0.025mm**, Condition: Metallic Glass, Coil width 50 mm Length : 0.5 m to 10 m

Iron/Chromium/Aluminium (Fe81/Cr16/Al 3)

Powder

- FK186010** Max. Particle size: **45micron**, Condition: Atomised

Iron/Chromium/Molybdenum (Fe81/Cr16/Mo 3)

Powder

- FK256010** Max. Particle size: **45micron**, Condition: Atomised
- FK256011** Max. Particle size: **150micron**, Min. Particle size: 30micron, Condition: Atomised

Iron/Silicon (Fe83/Si17)

Powder

- FE176010** Max. Particle size: **45micron**, Condition: Alloy Pre-cursor

Iron/Chromium/Molybdenum (Fe90/Cr 9/Mo 1)

Foil

- FE010200** Thickness: **0.003mm**, Temper: As rolled

Alloys

- FE010210** Thickness: **0.004mm**, Temper: As rolled
- FE010220** Thickness: **0.005mm**, Temper: As rolled, Size: 25x25 mm to 33x50 mm
- FE010230** Thickness: **0.006mm**, Temper: As rolled, Size: 25x25 mm to 50x50 mm
- FE010240** Thickness: **0.007mm**, Temper: As rolled, Size: 25x25 mm to 50x50 mm
- FE010250** Thickness: **0.008mm**, Temper: As rolled, Size: 25x25 mm to 50x50 mm

Iron/Silicon (Fe91/Si 9)



Powder

- FE166010** Max. Particle size: **150micron**, Condition: Alloy Pre-cursor

Stainless Steel - 15-7PH (Fe/Cr15/Ni 7/Mo 2.25)



Foil

- FE290300** Thickness: **0.05mm**, Temper: Annealed, Condition: Precipitation hardenable, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- FE290320** Thickness: **0.125mm**, Temper: Annealed, Condition: Precipitation hardenable, Size: 25x25 mm to 300x300 mm
- FE290350** Thickness: **0.25mm**, Temper: Annealed, Condition: Precipitation hardenable, Size: 25x25 mm to 300x300 mm

Stainless Steel - 17-7PH (Fe/Cr17/Ni 7)



Foil

- FE280290** Thickness: **0.05mm**, Temper: As rolled - Condition C, Condition: Precipitation hardenable, Size: 25x25 mm to 50x50 mm
- FE280300** Thickness: **0.075mm**, Temper: Annealed - Condition A, Condition: Precipitation hardenable, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- FE280320** Thickness: **0.125mm**, Temper: Annealed - Condition A, Condition: Precipitation hardenable, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- FE280321** Thickness: **0.15mm**, Temper: As rolled - Condition C, Condition: Precipitation hardenable, Coil width 25 mm Length : 0.5 m to 10 m
- FE280350** Thickness: **0.3mm**, Temper: Annealed - Condition A, Condition: Precipitation hardenable, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- FE280360** Thickness: **0.635mm**, Temper: Annealed - Condition A, Condition: Precipitation hardenable, Coil width 14 mm Length : 0.5 m to 10 m

Stainless Steel - AISI 302 (Fe/Cr18/Ni 8)



Foil

- FE200201** Thickness: **0.0125mm**, Temper: Hard, Size: 25x25 mm to 50x50 mm
- FE200230** Thickness: **0.05mm**, Temper: Hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

- FE200270** Thickness: **0.1mm**, Temper: Hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- FE200280** Thickness: **0.125mm**, Temper: Hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- FE200290** Thickness: **0.15mm**, Temper: Hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- FE200297** Thickness: **0.2mm**, Temper: Hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- FE200320** Thickness: **0.25mm**, Temper: Hard, Size: 25x25 mm to 100x100 mm



Wire

- FE205100** Diameter: **0.01mm**, Temper: As drawn
- FE205110** Diameter: **0.025mm**, Temper: Hard
- FE205111** Diameter: **0.025mm**, Temper: Annealed
- FE205116** Diameter: **0.05mm**, Temper: Hard
- FE205115** Diameter: **0.05mm**, Temper: Annealed
- FE205320** Diameter: **0.1mm**, Condition: Straight wire
- FE205118** Diameter: **0.1mm**, Temper: Hard
- FE205119** Diameter: **0.1mm**, Temper: Annealed
- FE205120** Diameter: **0.125mm**, Temper: Hard
- FE205130** Diameter: **0.25mm**, Temper: Hard
- FE205140** Diameter: **0.5mm**, Temper: Hard
- FE205150** Diameter: **1.0mm**, Temper: Hard



Insulated Wire

- FE205811** Conductor diameter: **0.025mm**, Insulation thickness: **0.002mm**, Insulation: 2 micron Polyesterimide
- FE205850** Conductor diameter: **0.1mm**, Insulation thickness: **0.01mm**, Insulation: Epoxy

Stainless Steel - AISI 304 (Fe/Cr18/Ni10)



Foil

- FE220200** Thickness: **0.005mm**, Temper: As rolled
- FE220130** Thickness: **0.006mm**
- FE220207** Thickness: **0.007mm**, Temper: As rolled, Coil width 100 mm Length : 0.5 m to 1 m
- FE220150** Thickness: **0.008mm**, Diameter: 4 mm to 25 mm
- FE220209** Thickness: **0.01mm**, Temper: As rolled, Coil width 116 mm Length : 0.1 m to 1 m
- FE220170** Thickness: **0.01mm**, Diameter: 4 mm to 15 mm
- FE220210** Thickness: **0.0125mm**, Temper: Hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- FE220211** Thickness: **0.015mm**, Temper: As rolled, Coil width 300 mm Length : 0.5 m to 1 m
- FE220215** Thickness: **0.02mm**, Temper: As rolled, Coil width 200 mm Length : 0.5 m to 2 m
- FE220221** Thickness: **0.025mm**, Temper: Hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- FE220250** Thickness: **0.05mm**, Temper: Hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- FE220260** Thickness: **0.075mm**, Temper: Hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- FE220270** Thickness: **0.1mm**, Temper: Annealed, Coil width 305 mm, Size: 25x25 mm to 300x300 mm
- FE220280** Thickness: **0.125mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

Alloys

- FE220291** Thickness: **0.15mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- FE220320** Thickness: **0.2mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- FE220321** Thickness: **0.25mm**, Temper: Hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- FE220322** Thickness: **0.25mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- FE220323** Thickness: **0.5mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- FE220341** Thickness: **0.914mm**, Surface treatment: Titanium Nitride coating 2-3 microns, Size: 25x25 mm to 100x100 mm
- FE220340** Thickness: **0.914mm**, Temper: Annealed, Size: 50x50 mm to 500x500 mm
- FE220380** Thickness: **2.0mm**, Temper: Annealed, Size: 150x150 mm to 300x300 mm



Mesh

- FE228710** Nominal Aperture: **0.38mm**, Wire diameter: 0.25mm, Wires/inch: 40x40, Open area: 37%, Type: Plain weave mesh, Size: 100x100 mm to 900x900 mm



Wire

- FE225110** Diameter: **0.05mm**, Temper: Annealed
- FE225120** Diameter: **0.075mm**, Temper: Annealed
- FE225330** Diameter: **0.5mm**, Condition: Straight wire, Temper: As drawn
- FE225140** Diameter: **0.5mm**, Temper: Annealed
- FE225141** Diameter: **0.6mm**, Temper: Annealed
- FE225340** Diameter: **1.0mm**, Condition: Straight wire, Temper: As drawn
- FE225150** Diameter: **1.0mm**, Temper: Hard



Rod

- FE227902** Diameter: **2.0mm**, Temper: As drawn, Length: 500 mm to 1000 mm
- FE227903** Diameter: **3.0mm**, Temper: As drawn, Length: 500 mm to 1000 mm
- FE227904** Diameter: **4.0mm**, Temper: As drawn, Length: 500 mm to 1000 mm
- FE227910** Diameter: **6.35mm**, Temper: As drawn, Length: 500 mm to 1000 mm
- FE227920** Diameter: **12.7mm**, Temper: As drawn, Length: 100 mm to 1000 mm
- FE227930** Diameter: **25mm**, Temper: As drawn, Length: 100 mm to 1000 mm



Tube

- FE227105** Outside Diameter: **0.2mm**, Wall Thickness: 0.05mm, Inside Diameter: 0.1mm, Temper: Hard, Length: 100 mm to 1000 mm
- FE227108** Outside Diameter: **0.21mm**, Wall Thickness: 0.065mm, Inside Diameter: 0.08mm, Temper: Hard, Length: 20 mm
- FE227100** Outside Diameter: **0.25mm**, Wall Thickness: 0.05mm, Inside Diameter: 0.15mm, Temper: Hard, Length: 100 mm to 1000 mm
- FE227150** Outside Diameter: **0.5mm**, Wall Thickness: 0.125mm, Inside Diameter: 0.25mm, Temper: Hard, Length: 100 mm to 1000 mm

- FE227145** Outside Diameter: **0.5mm**, Wall Thickness: 0.11mm, Inside Diameter: 0.28mm, Temper: Hard, Length: 100 mm to 1000 mm
- FE227140** Outside Diameter: **0.5mm**, Wall Thickness: 0.08mm, Inside Diameter: 0.34mm, Temper: As drawn, Length: 100 mm to 1000 mm
- FE227130** Outside Diameter: **0.5mm**, Wall Thickness: 0.06mm, Inside Diameter: 0.38mm, Temper: As drawn, Length: 100 mm to 1000 mm
- FE227200** Outside Diameter: **0.8mm**, Wall Thickness: 0.15mm, Inside Diameter: 0.5mm, Temper: Hard, Length: 100 mm to 1000 mm
- FE227180** Outside Diameter: **0.8mm**, Wall Thickness: 0.15mm, Inside Diameter: 0.5mm, Temper: Annealed, Length: 100 mm to 1000 mm
- FE227250** Outside Diameter: **1.1mm**, Wall Thickness: 0.2mm, Inside Diameter: 0.7mm, Temper: Hard, Length: 100 mm to 1000 mm
- FE227251** Outside Diameter: **1.1mm**, Wall Thickness: 0.2mm, Inside Diameter: 0.7mm, Temper: Hard, Length: 5 mm
- FE227300** Outside Diameter: **1.47mm**, Wall Thickness: 0.185mm, Inside Diameter: 1.1mm, Temper: Hard, Length: 100 mm to 1000 mm
- FE227350** Outside Diameter: **2.05mm**, Wall Thickness: 0.25mm, Inside Diameter: 1.55mm, Temper: Hard, Length: 100 mm to 1000 mm
- FE227400** Outside Diameter: **2.34mm**, Wall Thickness: 0.32mm, Inside Diameter: 1.7mm, Temper: Hard, Length: 100 mm to 1000 mm
- FE227450** Outside Diameter: **2.95mm**, Wall Thickness: 0.325mm, Inside Diameter: 2.3mm, Temper: Hard, Length: 100 mm to 1000 mm
- FE227600** Outside Diameter: **5.0mm**, Wall Thickness: 0.5mm, Inside Diameter: 4mm, Temper: Annealed, Length: 100 mm to 1000 mm
- FE227700** Outside Diameter: **8.0mm**, Wall Thickness: 0.5mm, Inside Diameter: 7mm, Temper: Annealed, Length: 100 mm to 1000 mm
- FE227710** Outside Diameter: **9.0mm**, Wall Thickness: 0.5mm, Inside Diameter: 8mm, Temper: Hard, Length: 100 mm to 1000 mm
- FE227800** Outside Diameter: **10.0mm**, Wall Thickness: 2.0mm, Inside Diameter: 6mm, Temper: Annealed, Length: 100 mm to 1000 mm
- FE227850** Outside Diameter: **15.0mm**, Wall Thickness: 2.0mm, Inside Diameter: 11mm, Temper: Annealed, Length: 100 mm to 1000 mm



Powder

- FE226010** Max. Particle size: **45micron**



Sphere

- FE226805** Diameter: **0.5mm**

Stainless Steel - AISI 304L (Fe/Cr18/Ni10)



Tube

- FK277500** Outside Diameter: **7.0mm**, Wall Thickness: 1mm, Inside Diameter: 5.0mm, Temper: Annealed, Length: 100 mm to 1000 mm

Alloys

Stainless Steel - AISI 310 (Fe/Cr25/Ni20)



Foil

- FE250220** Thickness: **0.914mm**, Temper: Annealed, Size: 50x50 mm to 900x900 mm
- FE250250** Thickness: **2.0mm**, Temper: Annealed, Size: 50x50 mm to 300x300 mm



Rod

- FE257910** Diameter: **6.35mm**, Temper: Annealed, Length: 100 mm to 1000 mm
- FE257920** Diameter: **12.7mm**, Temper: Annealed, Length: 100 mm to 1000 mm
- FE257930** Diameter: **19.0mm**, Temper: Annealed, Length: 100 mm to 1000 mm

Stainless Steel - AISI 316 (Fe/Cr18/Ni10/Mo 3)



Foil

- FE240201** Thickness: **0.005mm**, Temper: As rolled, Coil width 95 mm Length : 0.025 m to 0.2 m
- FE240200** Thickness: **0.0075mm**, Temper: As rolled, Coil width 75 mm, Size: 25x25 mm to 75x150 mm
- FE240210** Thickness: **0.01mm**, Coil width 197 mm Length : 0.5 m to 1 m
- FE240220** Thickness: **0.0125mm**, Temper: Hard, Coil width 300 mm Length : 0.5 m to 1 m
- FE240236** Thickness: **0.025mm**, Temper: Annealed, Coil width 150 mm, Size: 25x25 mm to 150x150 mm
- FE240235** Thickness: **0.025mm**, Temper: Hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- FE240240** Thickness: **0.038mm**, Temper: Annealed, Size: 25x25 mm to 280x300 mm
- FE240241** Thickness: **0.043mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- FE240250** Thickness: **0.05mm**, Temper: Annealed, Coil width 305 mm, Size: 25x25 mm to 300x300 mm
- FE240260** Thickness: **0.075mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- FE240261** Thickness: **0.1mm**, Temper: Hard, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- FE240265** Thickness: **0.1mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- FE240270** Thickness: **0.125mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- FE240290** Thickness: **0.15mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- FE240300** Thickness: **0.25mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- FE240312** Thickness: **0.5mm**, Condition: Ion Implanted, Size: 50x50 mm
- FE240311** Thickness: **0.5mm**, Surface treatment: Titanium Nitride coating 2-3 microns, Size: 25x25 mm to 100x100 mm
- FE240310** Thickness: **0.5mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

FE240321 Thickness: **0.914mm**, Surface treatment: Titanium Nitride coating 2-3 microns, Size: 25x25 mm

FE240315 Thickness: **0.914mm**, Temper: As rolled, Size: 50x50 mm to 500x500 mm

FE240320 Thickness: **0.914mm**, Temper: Annealed, Size: 50x50 mm to 500x500 mm

FE240380 Thickness: **3.0mm**, Temper: Annealed, Size: 150x150 mm to 300x300 mm

FE240385 Thickness: **5.0mm**, Size: 40x100 mm to 40x500 mm



Foam

FE243825 Thickness: **6.35mm**, Bulk density: 0.55g.cm⁻³, Pores/cm: 24, Size: 150x150 mm



Mesh

FE248705 Nominal Aperture: **0.103mm**, Wire diameter: 0.066mm, Wires/inch: 150x150, Open area: 37%, Type: Plain weave mesh, Size: 150x150 mm to 600x600 mm

FE248710 Nominal Aperture: **0.38mm**, Wire diameter: 0.25mm, Wires/inch: 40x40, Open area: 37%, Type: Plain weave mesh, Size: 100x100 mm to 600x600 mm



Wire

- FE245100** Diameter: **0.05mm**, Temper: Annealed
- FE245102** Diameter: **0.15mm**, Temper: Hard
- FE245105** Diameter: **0.25mm**, Temper: Hard
- FE245320** Diameter: **0.5mm**, Condition: Straight wire, Temper: Hard
- FE245130** Diameter: **0.5mm**, Temper: Hard
- FE245131** Diameter: **0.5mm**, Temper: Annealed
- FE245110** Diameter: **1.0mm**, Temper: Hard



Insulated Wire

- FE245815** Conductor diameter: **0.025mm**, Insulation thickness: 0.002mm, Insulation: Polyester
- FE245820** Conductor diameter: **0.05mm**, Insulation thickness: 0.003mm, Insulation: Polyester
- FE245810** Conductor diameter: **0.075mm**, Insulation thickness: 0.018mm, Insulation: PTFE
- FE245840** Conductor diameter: **0.125mm**, Insulation thickness: 0.007mm, Insulation: Polyester
- FE245850** Conductor diameter: **0.25mm**, Insulation thickness: 0.009mm, Insulation: Polyester



Rod

- FE247910** Diameter: **2.0mm**, Temper: Hard, Length: 500 mm to 1000 mm
- FE247930** Diameter: **12.7mm**, Length: 100 mm to 1000 mm
- FE247940** Diameter: **25.4mm**, Length: 100 mm to 500 mm



Tube

- FE247200** Outside Diameter: **3.0mm**, Wall Thickness: 0.75mm, Inside Diameter: 1.5mm, Temper: Hard, Length: 100 mm to 1000 mm
- FE247500** Outside Diameter: **8.0mm**, Wall Thickness: 1.0mm, Inside Diameter: 6mm, Temper: Annealed, Length: 100 mm to 1000 mm
- FE247600** Outside Diameter: **11.1mm**, Wall Thickness: 0.7mm, Inside Diameter: 9.7mm, Temper: Annealed, Length: 100 mm to 1000 mm

Alloys

FE247800 Outside Diameter: **20.0mm**, Wall Thickness: 1.5mm, Inside Diameter: 17mm, Temper: Annealed, Length: 100 mm to 1000 mm



Powder

FE246020 Max. Particle size: **45micron**

FE246010 Max. Particle size: **150micron**



Sphere

FE246805 Diameter: **0.5mm**

FE246810 Diameter: **1.0mm**

FE246820 Diameter: **2.0mm**

FE246825 Diameter: **2.5mm**

FE246830 Diameter: **3.0mm**

FE246840 Diameter: **4mm**

FE246850 Diameter: **5mm**

FE246860 Diameter: **6mm**

FE246880 Diameter: **10mm**

FE246890 Diameter: **25mm**

Stainless Steel - AISI 316L (Fe/Cr18/Ni10/Mo 3)



Foil

FF210250 Thickness: **0.05mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

FF210275 Thickness: **0.075mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

FF210280 Thickness: **0.1mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

FF210301 Thickness: **0.15mm**, Temper: Annealed, Condition: Flat, Size: 100x100 mm to 300x500 mm

FF210320 Thickness: **0.2mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

FF210350 Thickness: **0.5mm**, Temper: Annealed, Size: 150x150 mm to 300x300 mm

FF210375 Thickness: **0.9mm**, Temper: Annealed, Condition: Mirror polished on one side, Size: 90x210 mm

FF210376 Thickness: **0.9mm**, Temper: Annealed, Condition: Mirror polished on both sides, Size: 100x100 mm

FF210400 Thickness: **2.0mm**, Temper: Annealed, Size: 150x150 mm to 300x300 mm



Wire

FF215105 Diameter: **0.025mm**, Temper: Annealed

FF215110 Diameter: **0.10mm**, Temper: Hard

FF215120 Diameter: **0.20mm**, Temper: As drawn

FF215125 Diameter: **0.25mm**, Temper: As drawn

FF215130 Diameter: **0.3mm**, Temper: As drawn

FF215310 Diameter: **0.3mm**, Condition: Straight wire, Temper: Annealed

FF215320 Diameter: **1.5mm**, Condition: Straight wire, Temper: Annealed



Rod

FF217905 Diameter: **3.175mm**, Length: 100 mm to 1000 mm

FF217910 Diameter: **6.0mm**, Length: 100 mm to 1000 mm

FF217915 Diameter: **8.0mm**, Length: 100 mm to 1000 mm

FF217920 Diameter: **12.7mm**, Length: 100 mm to 1000 mm

FF217925 Diameter: **20mm**, Length: 100 mm to 1000 mm

FF217930 Diameter: **25.4mm**, Length: 100 mm to 1000 mm

FF217935 Diameter: **38.1mm**, Length: 100 mm to 1000 mm

FF217940 Diameter: **50.8mm**, Length: 50 mm to 500 mm



Tube

FF217201 Outside Diameter: **1.65mm**, Wall Thickness: 0.225mm, Inside Diameter: 1.2mm, Temper: Hard, Length: 100 mm

FF217200 Outside Diameter: **1.65mm**, Wall Thickness: 0.13mm, Inside Diameter: 1.39mm, Temper: Hard, Length: 100 mm

Stainless Steel - AISI 321 (Fe/Cr18/Ni 9/Ti)



Foil

FE210210 Thickness: **0.0125mm**, Temper: Hard, Coil width 220 mm, Size: 25x25 mm to 150x150 mm

FE210211 Thickness: **0.0125mm**, Temper: Annealed, Coil width 310 mm Length : 0.5 m to 1 m

FE210220 Thickness: **0.015mm**, Temper: As rolled, Coil width 150 mm Length : 0.5 m to 2 m

FE210247 Thickness: **0.025mm**, Temper: Half hard, Coil width 175 mm, Size: 25x25 mm to 175x300 mm

FE210244 Thickness: **0.025mm**, Temper: Hard, Coil width 220 mm, Size: 25x25 mm to 150x150 mm

FE210246 Thickness: **0.025mm**, Temper: Annealed, Size: 25x25 mm to 300x300 mm

FE210250 Thickness: **0.05mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

FE210260 Thickness: **0.075mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

FE210280 Thickness: **0.1mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

FE210300 Thickness: **0.125mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

FE210305 Thickness: **0.15mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

FE210310 Thickness: **0.2mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

FE210320 Thickness: **0.25mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

FE210340 Thickness: **0.5mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

FE210350 Thickness: **0.914mm**, Temper: Annealed, Size: 50x50 mm to 900x900 mm

FE210400 Thickness: **3.0mm**, Temper: Annealed, Size: 150x150 mm to 300x300 mm



Rod

FE217930 Diameter: **12.7mm**, Length: 100 mm to 1000 mm

FE217940 Diameter: **25.4mm**, Length: 100 mm to 500 mm

Alloys



Tube

FE217160 Outside Diameter: **1.60mm**, Wall Thickness: 0.55mm, Inside Diameter: 0.5mm, Temper: Hard, Length: 100 mm to 1000 mm

FE217610 Outside Diameter: **10.0mm**, Wall Thickness: 1.5mm, Inside Diameter: 7mm, Temper: Annealed, Length: 100 mm to 1000 mm

Stainless Steel - AISI 347 (Fe/Cr18/Ni10/Nb)



Foil

FE230220 Thickness: **0.1mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

FE230230 Thickness: **0.2mm**, Temper: Annealed, Size: 25x25 mm to 150x150 mm

FE230240 Thickness: **0.25mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm



Powder

FE236010 Max. Particle size: **45micron**, Condition: Atomised

Stainless Steel - AISI 410 (Fe/Cr12.5)



Wire

FE265160 Diameter: **1mm**, Temper: As drawn



Powder

FE266020 Max. Particle size: **45micron**, Condition: Atomised

Stainless Steel - AISI 420 (Fe86.7/Cr13.0/C 0.3)



Sheet

FK113100 Thickness: **1.5mm**, Size: 150x150 mm to 300x300 mm



Wire

FK115160 Diameter: **1.0mm**, Temper: As drawn

Stainless Steel 430 (Fe81/Cr17/Mn/Si/C/S/P)



Foil

FF230330 Thickness: **0.70mm**, Temper: Annealed, Coil width 150 mm, Size: 25x25 mm to 150x150 mm

Gallium/Indium/Tin (Ga62/In22/Sn16)



Lump

GA066100 Max. Lump size: **100mm**, Condition: Liquid at RTP

Gallium/Indium/Tin (Ga68.5/In21.5/Sn10)



Lump

GA056100 Max. Lump size: **100mm**, Condition: Liquid at RTP

Gallium/Indium (Ga75.5/In24.5)



Lump

GA046100 Max. Lump size: **10mm**, Condition: Liquid at RTP

Mercury/Indium Amalgam (Hg29/In71)



Lump

HG016100 Max. Lump size: **20mm**, Condition: Amalgam

Indium/Tin (In50/Sn50)



Foil

IN080200 Thickness: **0.05mm**, Tolerance: 25%

IN080230 Thickness: **0.1mm**, Size: 25x25 mm to 100x100 mm

IN080250 Thickness: **0.25mm**, Size: 25x25 mm to 100x100 mm

Indium/Tin (In90/Sn10)



Sheet

IN023200 Thickness: **2.0mm**, Size: 50x50 mm to 100x100 mm

IN023300 Thickness: **3.0mm**, Size: 50x50 mm to 100x100 mm



Sputtering Target

IN029200 Thickness: **2.0mm**, Size: 50.8 mm to 76.2 mm

IN029300 Thickness: **3.0mm**, Size: 50.8 mm to 76.2 mm



Rod

IN027920 Diameter: **5.0mm**, Length: 50 mm to 500 mm

Indium/Tin (In95/Sn 5)



Sheet

IN103300 Thickness: **3mm**, Size: 50x50 mm to 100x100 mm



Sputtering Target

IN109300 Thickness: **3mm**, Size: 50 mm to 75 mm

Indium/Silver (In97/Ag 3)



Foil

IN130300 Thickness: **0.3mm**, Size: 30x30 mm to 120x120 mm

Magnesium/Aluminium/Zinc (Mg96/Al 3/Zn 1)



Foil

MG010250 Thickness: **0.25mm**, Size: 100x100 mm to 200x500 mm

MG010350 Thickness: **1.0mm**, Size: 100x100 mm to 200x500 mm

MG010400 Thickness: **2.0mm**, Size: 100x100 mm to 200x500 mm



Rod

MG017910 Diameter: **3mm**, Temper: As drawn, Length: 490 mm to 980 mm

Alloys

MG017930 Diameter: **10mm**, Temper: As drawn, Length: 100 mm to 1000 mm

MG017940 Diameter: **22mm**, Temper: As drawn, Length: 100 mm to 900 mm

Manganese/Nickel (Mn70/Ni30)



Powder

MN106010 Max. Particle size: **150micron**, Condition: Alloy Pre-cursor

Manganese/Nickel (Mn80/Ni20)



Powder

MN116010 Max. Particle size: **150micron**, Condition: Alloy Pre-cursor

Manganese/Nickel (Mn88/Ni12)



Foil

MN010200 Thickness: **0.0125mm**, Temper: As rolled

MN010205 Thickness: **0.02mm**, Temper: As rolled

MN010210 Thickness: **0.025mm**, Temper: As rolled

MN010215 Thickness: **0.038mm**, Temper: As rolled, Diameter: 4 mm to 25 mm

MN010220 Thickness: **0.050mm**, Temper: As rolled, Diameter: 4 mm to 25 mm

MN010230 Thickness: **0.125mm**, Temper: As rolled, Size: 25x25 mm to 100x100 mm

MN010260 Thickness: **0.25mm**, Temper: As rolled, Size: 25x25 mm to 100x100 mm



Powder

MN016010 Max. Particle size: **150micron**, Condition: Alloy Pre-cursor

Molybdenum/Rhenium (Mo52.5/Re47.5)



Foil

MO070210 Thickness: **0.050mm**, Temper: Annealed, Size: 25x25 mm to 50x50 mm

MO070240 Thickness: **0.125mm**, Temper: Annealed, Size: 25x25 mm to 100x100 mm



Wire

MO075125 Diameter: **0.125mm**, Temper: As drawn

MO075140 Diameter: **0.25mm**, Temper: As drawn

MO075160 Diameter: **0.5mm**, Temper: As drawn



Tube

MO077200 Outside Diameter: **2mm**, Wall Thickness: 0.5mm, Inside Diameter: 1mm, Temper: As drawn, Length: 50 mm to 169 mm

MO077201 Outside Diameter: **2mm**, Wall Thickness: 0.4mm, Inside Diameter: 1.2mm, Temper: As drawn, Length: 50 mm to 500 mm

Molybdenum/Titanium (Mo80/Ti20)



Powder

MO046010 Max. Particle size: **45micron**, Condition: Alloy Pre-cursor

MO046020 Max. Particle size: **150micron**, Condition: Alloy Pre-cursor

Molybdenum/Titanium (Mo90/Ti10)



Powder

MO056010 Max. Particle size: **45micron**, Condition: Alloy Pre-cursor

Molybdenum High Temperature Alloy TZM (Mo99/Ti 0.5/Zr 0.1)



Foil

MO010250 Thickness: **0.125mm**, Temper: As rolled, Size: 25x25 mm to 100x100 mm

MO010270 Thickness: **0.25mm**, Temper: As rolled, Size: 50x50 mm to 300x300 mm

MO010380 Thickness: **0.52mm**, Temper: As rolled, Size: 25x25 mm to 150x150 mm

MO010400 Thickness: **1.0mm**, Temper: As rolled, Size: 25x25 mm to 150x150 mm

MO010450 Thickness: **3.0mm**, Temper: As rolled, Size: 50x50 mm to 150x150 mm



Sheet

MO013200 Thickness: **5.0mm**, Size: 100x100 mm

MO013300 Thickness: **10.0mm**, Size: 100x100 mm



Rod

MO017910 Diameter: **5.0mm**, Length: 50 mm to 1000 mm

MO017920 Diameter: **10.0mm**, Length: 50 mm to 1000 mm

MO017930 Diameter: **20.0mm**, Length: 50 mm to 200 mm

Superconducting Composite Wire (Nb/Ti + Cu)



Wire

NB015100 Diameter: **0.4mm**

NB015150 Diameter: **0.4mm**

NB015250 Diameter: **0.4mm**

Niobium/Titanium (Nb52/Ti48)



Wire

NB045130 Diameter: **0.25mm**, Temper: Annealed

Niobium/Titanium (Nb56/Ti44)



Powder

NB026010 Max. Particle size: **45micron**, Condition: Alloy Pre-cursor

NB026020 Max. Particle size: **150micron**, Condition: Alloy Pre-cursor

Niobium/Tin (Nb75/Sn25 (Atomic %))



Powder

NB076010 Max. Particle size: **250micron**

Niobium/Zirconium (Nb99/Zr 1)



Wire

NB035160 Diameter: **0.25mm**, Temper: As drawn



Tube

NB037100 Outside Diameter: **1.76mm**, Wall Thickness: 0.25mm, Inside Diameter: 1.26mm, Length: 100 mm to 500 mm

Alloys

NB037350 Outside Diameter: **3.95mm**, Wall Thickness: 0.35mm, Inside Diameter: 3.25mm, Temper: Stress relieved, Length: 100 mm to 1000 mm

Neodymium/Iron/Boron (Nd₂Fe₁₄B)



Sheet

ND013020 Thickness: **2mm**, Condition: Rare earth magnet, Coating: Parylene, Size: 5x5 mm

ND013050 Thickness: **5mm**, Condition: Rare earth magnet, Coating: Uncoated, Size: 15x15 mm



Sputtering Target

ND019100 Thickness: **1mm**, Condition: Non-magnetised, Coating: Uncoated, Size: 50 mm



Rod

ND017910 Diameter: **6.35 mm**, Condition: Rare earth magnet, Coating: Parylene, Length: 2 mm

ND017915 Diameter: **6.35 mm**, Condition: Rare earth magnet, Coating: Uncoated, Length: 15 mm

ND017920 Diameter: **10mm**, Condition: Rare earth magnet, Coating: Parylene, Length: 3 mm

ND017930 Diameter: **15mm**, Condition: Rare earth magnet, Coating: Uncoated, Length: 3 mm

Incoloy[®] alloy 800 - Heat Resisting Alloy (Ni_{32.5}/Cr₂₁/Fe)

INCOLOY[®] alloy 800



Rod

NI127930 Diameter: **10mm**, Temper: Annealed, Length: 100 mm to 500 mm



Tube

NI127400 Outside Diameter: **9.5mm**, Wall Thickness: 0.7mm, Inside Diameter: 8.1mm, Temper: Annealed, Length: 100 mm to 1000 mm

Nickel/Iron/Silicon/Boron (Ni₄₀/Fe₄₀/Si + B 19/Mo 1-2)



Foil

NI810250 Thickness: **0.025mm**, Condition: Metallic Glass, Coil width 25 mm Length : 0.5 m to 100 m

NI810400 Thickness: **0.04mm**, Condition: Metallic Glass, Coil width 25 mm Length : 0.5 m to 50 m

Nickel/Iron (Ni₅₂/Fe₄₈)



Tube

NI197450 Outside Diameter: **4.5mm**, Wall Thickness: 0.07mm, Inside Diameter: 4.36mm, Length: 200 mm to 1000 mm

NI197651 Outside Diameter: **6.5mm**, Wall Thickness: 0.07mm, Inside Diameter: 6.36mm, Length: 200 mm to 1000 mm

Nimonic[®] alloy 90 (Ni₅₃/Cr₂₀/Co₁₈/Ti 2.5/Al 1.5/Fe 1.5)

Nimonic 90[®]



Rod

NJ107940 Diameter: **12.7mm**, Length: 100 mm to 500 mm

NJ107945 Diameter: **20mm**, Length: 100 mm to 500 mm

NJ107950 Diameter: **22mm**, Length: 100 mm to 500 mm

Inconel[®] alloy 718 - Heat Resisting Alloy (Ni₅₃/Fe₁₉/Cr₁₉/Nb/Mo/Ti)

INCONEL[®] alloy 718



Foil

NI130250 Thickness: **0.1mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 150x150 mm

NI130300 Thickness: **0.25mm**, Temper: Annealed, Coil width 150 mm, Size: 25x25 mm to 150x300 mm

NI130450 Thickness: **1.0mm**, Temper: Annealed, Size: 100x100 mm to 200x200 mm

NI130480 Thickness: **2.0mm**, Temper: Annealed, Size: 100x100 mm to 200x200 mm



Wire

NI135150 Diameter: **1.0mm**, Temper: Annealed

NI135155 Diameter: **1.2mm**, Temper: Annealed



Rod

NI137910 Diameter: **6.35mm**, Temper: Annealed, Length: 100 mm to 1000 mm

NI137925 Diameter: **12.7mm**, Temper: Annealed, Length: 100 mm to 1000 mm

NI137935 Diameter: **19mm**, Temper: Annealed, Length: 100 mm to 500 mm

Nickel/Titanium (Ni₅₅/Ti₄₅)



Wire

NI205101 Diameter: **0.8 mm**, Condition: Shape-Memory Alloy

Hastelloy C[®] 276 - Heat Resisting Alloy (Ni₅₇/Mo₁₇/Cr₁₆/Fe/W/Mn)

Hastelloy C[®]



Foil

NI140225 Thickness: **0.025mm**, Temper: As rolled, Coil width 190 mm, Size: 25x25 mm to 150x150 mm

NI140271 Thickness: **0.075mm**, Temper: Hard, Coil width 200 mm, Size: 25x25 mm to 150x150 mm

NI140270 Thickness: **0.075mm**, Temper: Annealed, Coil width 200 mm, Size: 25x25 mm to 150x150 mm

NI140300 Thickness: **0.15mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 150x150 mm

NI140550 Thickness: **1.2mm**, Size: 50x50 mm to 300x300 mm



Wire

NI145120 Diameter: **0.1mm**, Temper: Hard

NI145150 Diameter: **0.5mm**, Temper: Hard

NI145160 Diameter: **1.0mm**, Temper: Hard



Rod

NI147940 Diameter: **16mm**, Length: 50 mm to 500 mm

NI147950 Diameter: **25mm**, Length: 50 mm to 200 mm



Tube

NI147100 Outside Diameter: **3.2mm**, Wall Thickness: 0.9mm, Inside Diameter: 1.4mm, Length: 100 mm to 1000 mm

Alloys

Alloys — Waspaloy® - Heat Resisting Alloy

NI147200 Outside Diameter: **6.35mm**, Wall Thickness: 0.9mm, Inside Diameter: 4.55mm, Length: 100 mm to 1000 mm

NI147300 Outside Diameter: **9.5mm**, Wall Thickness: 0.9mm, Inside Diameter: 7.7mm, Length: 100 mm to 1000 mm

Waspaloy® - Heat Resisting Alloy (Ni58/Cr19/Co14/Mo/Ti/Al/Fe)



Foil

NI150250 Thickness: **0.025mm**, Temper: As rolled, Size: 25x25 mm to 150x150 mm

NI150300 Thickness: **0.25mm**, Temper: Annealed, Coil width 210 mm, Size: 25x25 mm to 150x150 mm

NI150450 Thickness: **1mm**, Temper: Annealed, Size: 50x50 mm to 300x300 mm

Nickel/Aluminium (Ni59/Al41)



Powder

NI216010 Max. Particle size: **150micron**, Condition: Alloy Pre-cursor

Nickel/Titanium (Ni60/Ti40)



Powder

NJ076010 Max. Particle size: **150micron**, Condition: Alloy Pre-cursor

Inconel 625® - Corrosion Resistant Alloy (Ni61/Cr22/Mo 9/Fe 5)



Foil

NI040210 Thickness: **0.025mm**, Temper: Annealed, Coil width 285 mm Length : 0.5 m to 1 m

NI040230 Thickness: **0.10mm**, Temper: Annealed, Coil width 279 mm, Size: 65x65 mm to 279x279 mm



Rod

NI047910 Diameter: **12.0mm**, Temper: Annealed, Length: 50 mm to 500 mm

NI047920 Diameter: **25mm**, Temper: Annealed, Length: 50 mm to 200 mm

Hastelloy B® - Corrosion Resistant Alloy (Ni62/Mo28/Fe 5/Cr/Mn/Si)



Foil

NI010250 Thickness: **0.010mm**, Size: 25x25 mm to 100x100 mm

Nickel/Silicon (Ni62/Si38)



Powder

NJ056011 Max. Particle size: **150micron**, Condition: Atomised

Monel® alloy K-500 (Ni63/Cu30/Al3/Fe2/Mn1.5/Ti0.5)



Sheet

NE043050 Thickness: **3.5mm**, Temper: Annealed, Size: 100x100 mm to 200x200 mm

Monel® alloy 400 (Ni65/Cu33/Fe 2)

MONEL® alloy 400



Foil

NI110250 Thickness: **0.025mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

NI110251 Thickness: **0.030mm**, Temper: Annealed, Coil width 150 mm, Size: 25x25 mm to 150x300 mm

NI110300 Thickness: **0.05mm**, Temper: Annealed, Coil width 150 mm, Size: 25x25 mm to 150x300 mm

NI110320 Thickness: **0.075mm**, Temper: Annealed, Coil width 150 mm, Size: 25x25 mm to 150x300 mm

NI110350 Thickness: **0.12mm**, Temper: Annealed, Size: 25x25 mm to 150x300 mm

NI110352 Thickness: **0.125mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

NI110355 Thickness: **0.2mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

NI110450 Thickness: **0.5mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

NI110550 Thickness: **2.0mm**, Temper: Annealed, Size: 50x50 mm to 300x300 mm



Mesh

NI118710 Nominal Aperture: **0.38mm**, Wire diameter: 0.25mm, Wires/inch: 40x40, Open area: 37%, Type: Plain weave mesh, Size: 100x100 mm to 300x300 mm



Wire

NI115110 Diameter: **0.125mm**, Temper: As drawn

NI115120 Diameter: **0.25mm**, Temper: As drawn

NI115130 Diameter: **0.5mm**, Temper: As drawn

NI115140 Diameter: **1.0mm**, Temper: As drawn



Rod

NI117905 Diameter: **3.0mm**, Temper: Annealed, Length: 100 mm to 1000 mm

NI117910 Diameter: **6.35mm**, Temper: As drawn, Length: 100 mm to 1000 mm

NI117920 Diameter: **12.7mm**, Temper: As drawn, Length: 100 mm to 1000 mm

NI117931 Diameter: **20mm**, Temper: Annealed, Length: 100 mm to 1000 mm

NI117960 Diameter: **40mm**, Temper: Annealed, Length: 50 mm to 200 mm



Tube

NI117105 Outside Diameter: **0.5mm**, Wall Thickness: 0.146mm, Inside Diameter: 0.208mm, Temper: As drawn, Length: 100 mm to 1000 mm

NI117100 Outside Diameter: **0.6mm**, Wall Thickness: 0.1mm, Inside Diameter: 0.4mm, Temper: As drawn, Length: 100 mm to 1000 mm

NI117150 Outside Diameter: **0.8mm**, Wall Thickness: 0.1mm, Inside Diameter: 0.6mm, Temper: As drawn, Length: 100 mm to 1000 mm

NI117200 Outside Diameter: **1.27mm**, Wall Thickness: 0.25mm, Inside Diameter: 0.77mm, Temper: As drawn, Length: 100 mm to 1000 mm

NI117250 Outside Diameter: **1.5mm**, Wall Thickness: 0.25mm, Inside Diameter: 1mm, Temper: As drawn, Length: 100 mm to 1000 mm

Alloys

- NI117300** Outside Diameter: **1.9mm**, Wall Thickness: 0.275mm, Inside Diameter: 1.35mm, Temper: As drawn, Length: 100 mm to 1000 mm
- NI117320** Outside Diameter: **2.0mm**, Wall Thickness: 0.175mm, Inside Diameter: 1.65mm, Temper: As drawn, Length: 100 mm to 1000 mm
- NI117350** Outside Diameter: **2.2mm**, Wall Thickness: 0.35mm, Inside Diameter: 1.5mm, Temper: As drawn, Length: 100 mm to 1000 mm
- NI117400** Outside Diameter: **2.5mm**, Wall Thickness: 0.18mm, Inside Diameter: 2.14mm, Temper: As drawn, Length: 100 mm to 1000 mm
- NI117410** Outside Diameter: **2.57mm**, Wall Thickness: 0.15mm, Inside Diameter: 2.27mm, Temper: As drawn, Length: 100 mm to 1000 mm
- NI117450** Outside Diameter: **2.8mm**, Wall Thickness: 0.35mm, Inside Diameter: 2.1mm, Temper: As drawn, Length: 100 mm to 1000 mm
- NI117600** Outside Diameter: **6.35mm**, Wall Thickness: 1.5mm, Inside Diameter: 3.35mm, Temper: As drawn, Length: 100 mm to 1000 mm
- NI117620** Outside Diameter: **7.1mm**, Wall Thickness: 0.27mm, Inside Diameter: 6.56mm, Temper: Hard, Length: 100 mm to 1000 mm
- NI117700** Outside Diameter: **19.0mm**, Wall Thickness: 1.22mm, Inside Diameter: 16.56mm, Temper: As drawn, Length: 100 mm to 1000 mm
- NI117800** Outside Diameter: **42.2mm**, Wall Thickness: 2.77mm, Inside Diameter: 36.66mm, Length: 100 mm to 500 mm

Hastelloy B-3[®] (Ni65/Mo28.5/Cr 1.5/Fe 1.5/(Co + Mn + W) 3.5max)



Wire

NK255150 Diameter: **0.5mm**, Temper: Annealed



Rod

NK257910 Diameter: **5.5mm**, Temper: Annealed, Length: 100 mm to 1000 mm

Hastelloy B-2[®] (Ni68/Mo28/Fe 2/Cr 1/Co 1)



Rod

NK247920 Diameter: **16mm**, Temper: Annealed, Length: 50 mm to 200 mm

Nickel/Copper (Ni70/Cu30)



Powder

NI076011 Max. Particle size: **150micron**, Purity: 98%, Condition: Atomised

Nickel/Iron (Ni70/Fe30)



Wire

NJ125130 Diameter: **0.03mm**, Temper: Annealed



Insulated Wire

NJ125825 Conductor diameter: **0.025mm**, Insulation thickness: 0.0035mm, Insulation: Polyimide

Nickel/Titanium (Ni70/Ti30)



Powder

NJ066011 Max. Particle size: **150micron**

Nickel/Zirconium (Ni70/Zr30)



Powder

NJ096010 Max. Particle size: **150micron**, Condition: Alloy Pre-cursor

Inconel[®] alloy 600 - Heat Resisting Alloy (Ni72/Cr16/Fe 8)

INCONEL[®] alloy 600



Foil

NI020203 Thickness: **0.0125mm**, Temper: Annealed, Coil width 305 mm, Size: 150x150 mm to 300x300 mm

NI020201 Thickness: **0.025mm**, Temper: Hard, Size: 25x25 mm to 50x50 mm

NI020202 Thickness: **0.025mm**, Temper: Annealed, Coil width 305 mm, Size: 150x150 mm to 300x300 mm

NI020200 Thickness: **0.075mm**, Temper: Annealed, Coil width 305 mm, Size: 25x25 mm to 300x300 mm

NI020205 Thickness: **0.1mm**, Temper: Annealed, Coil width 290 mm, Size: 25x25 mm to 290x300 mm

NI020210 Thickness: **0.2mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm

NI020401 Thickness: **0.5mm**, Surface treatment: Titanium Nitride coating 2-3 microns, Size: 25x25 mm to 100x100 mm

NI020400 Thickness: **0.5mm**, Temper: Annealed, Coil width 300 mm, Size: 50x50 mm to 150x150 mm

NI020450 Thickness: **0.6mm**, Temper: Annealed, Size: 25x25 mm to 100x100 mm

NI020520 Thickness: **1.0mm**, Temper: Annealed, Size: 25x25 mm to 300x300 mm

NI020550 Thickness: **2.0mm**, Temper: Annealed, Size: 25x25 mm to 300x300 mm

NI020560 Thickness: **3.0mm**, Temper: Annealed, Size: 50x50 mm to 200x200 mm

NI020575 Thickness: **5.0mm**, Size: 150x150 mm

NI020600 Thickness: **8.0mm**

NI020650 Thickness: **12mm**, Size: 100x100 mm to 210x210 mm



Wire

NI025100 Diameter: **0.05mm**, Temper: Hard

NI025125 Diameter: **0.20mm**, Temper: Hard

NI025130 Diameter: **0.25mm**, Temper: Hard

NI025140 Diameter: **0.5mm**, Temper: Hard

NI025150 Diameter: **1.0mm**, Temper: Hard



Rod

NI027902 Diameter: **2.0mm**, Temper: Annealed, Length: 100 mm to 1000 mm

NI027905 Diameter: **3.2mm**, Temper: Annealed, Length: 100 mm to 1000 mm

Alloys

- NI027910** Diameter: **6.35mm**, Temper: Annealed, Length: 100 mm to 1000 mm
- NI027920** Diameter: **12.7mm**, Temper: Annealed, Length: 100 mm to 1000 mm
- NI027930** Diameter: **20.0mm**, Temper: Annealed, Length: 100 mm to 1000 mm
- NI027940** Diameter: **40mm**, Temper: Annealed, Length: 50 mm to 200 mm

Tube

- NI027100** Outside Diameter: **1.0mm**, Wall Thickness: 0.3mm, Inside Diameter: 0.4mm, Temper: As drawn, Length: 100 mm to 1000 mm
- NI027130** Outside Diameter: **1.33mm**, Wall Thickness: 0.25mm, Inside Diameter: 0.83mm, Length: 100 mm to 498 mm
- NI027150** Outside Diameter: **1.5mm**, Wall Thickness: 0.25mm, Inside Diameter: 1mm, Length: 100 mm to 1000 mm
- NI027200** Outside Diameter: **1.96mm**, Wall Thickness: 0.37mm, Inside Diameter: 1.22mm, Length: 100 mm to 1000 mm
- NI027350** Outside Diameter: **6.15mm**, Wall Thickness: 0.5mm, Inside Diameter: 5.15mm, Temper: Annealed, Length: 100 mm to 1000 mm
- NI027400** Outside Diameter: **7.5mm**, Wall Thickness: 0.7mm, Inside Diameter: 6.1mm, Temper: Annealed, Length: 100 mm to 980 mm
- NI027410** Outside Diameter: **7.8mm**, Wall Thickness: 0.65mm, Inside Diameter: 6.5mm, Temper: Annealed, Length: 35 mm
- NI027450** Outside Diameter: **9.5mm**, Wall Thickness: 1.7mm, Inside Diameter: 6.1mm, Temper: Annealed, Length: 100 mm to 1000 mm
- NI027500** Outside Diameter: **12.7mm**, Wall Thickness: 1.63mm, Inside Diameter: 9.44mm, Temper: Annealed, Length: 100 mm to 1000 mm
- NI027600** Outside Diameter: **19.0mm**, Wall Thickness: 3.25mm, Inside Diameter: 12.5mm, Temper: Annealed, Length: 100 mm to 1000 mm
- NI027590** Outside Diameter: **19.0mm**, Wall Thickness: 1.62mm, Inside Diameter: 15.76mm, Temper: Annealed, Length: 100 mm to 200 mm
- NI027660** Outside Diameter: **25.4mm**, Wall Thickness: 3.25mm, Inside Diameter: 18.9mm, Temper: Annealed, Length: 100 mm to 1000 mm

Inconel X750[®] - Heat Resisting Alloy (Ni74/Cr15/Fe 7/Ti/Al/Nb)

INCONEL X[®]

Foil

- NI160220** Thickness: **0.028mm**, Temper: As rolled, Coil width 229 mm, Size: 25x25 mm to 200x200 mm
- NI160250** Thickness: **0.075mm**, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- NI160251** Thickness: **0.075mm**, Temper: Annealed, Coil width 300 mm, Size: 25x25 mm to 300x300 mm
- NI160270** Thickness: **0.25mm**, Temper: Annealed, Coil width 300 mm, Size: 50x50 mm to 300x300 mm
- NI160500** Thickness: **1.0mm**, Temper: Annealed, Size: 50x50 mm to 150x150 mm
- NI160550** Thickness: **1.25mm**, Temper: Annealed, Size: 50x50 mm to 150x150 mm

Wire

- NI165140** Diameter: **1.0mm**, Temper: Annealed

Evanohm[®] - Precision Resistance Alloy (Ni75/Cr20/Al 2.5/Cu 2.5)

Foil

- NI170250** Thickness: **0.02mm**, Temper: Annealed, Coil width 100 mm, Size: 25x25 mm to 100x100 mm
- NI170275** Thickness: **0.025mm**, Temper: Annealed, Coil width 100 mm, Size: 25x25 mm to 100x100 mm

Nickel/Manganese (Ni75/Mn25)

Powder

- NI256010** Max. Particle size: **150micron**, Condition: Alloy Pre-cursor

Magnetic Shielding Alloy (Ni77/Fe14/Cu 5/Mo 4)

Permalloy C[®]

Foil

- NI030200** Thickness: **0.0027mm**, Diameter: 4 mm to 50 mm
- NI030230** Thickness: **0.0125mm**, Coil width 100 mm, Size: 25x25 mm to 100x100 mm
- NI030240** Thickness: **0.025mm**, Coil width 100 mm, Size: 25x25 mm to 100x100 mm
- NI030250** Thickness: **0.05mm**, Coil width 150 mm, Size: 25x25 mm to 150x300 mm
- NI030271** Thickness: **0.125mm**, Temper: Annealed, Coil width 150 mm, Size: 50x50 mm to 150x150 mm
- NI030290** Thickness: **0.25mm**, Temper: Annealed, Coil width 150 mm, Size: 50x50 mm to 150x150 mm

Rod

- NI037910** Diameter: **6.35mm**, Length: 100 mm to 1000 mm
- NI037920** Diameter: **12.0mm**, Length: 100 mm to 1000 mm

Tube

- NI037300** Outside Diameter: **4.5mm**, Wall Thickness: 0.07mm, Inside Diameter: 4.36mm, Temper: As drawn, Length: 650 mm
- NI037301** Outside Diameter: **4.5mm**, Wall Thickness: 0.07mm, Inside Diameter: 4.36mm, Temper: As drawn, Length: 12.7 mm
- NI037450** Outside Diameter: **8.175mm**, Wall Thickness: 0.07mm, Inside Diameter: 8.035mm, Temper: As drawn, Length: 795 mm

Powder

- NI036010** Max. Particle size: **45micron**

Nickel/Boron/Silicon (Ni78/B 14/Si 8)

Foil

- NI800250** Thickness: **0.025mm**, Condition: Metallic Glass, Coil width 25 mm Length : 0.5 m to 10 m
- NI800400** Thickness: **0.04mm**, Condition: Metallic Glass, Coil width 25 mm Length : 0.5 m to 10 m

Alloys

Nickel/Aluminium (Ni79/Al21)



Powder

NI226010 Max. Particle size: **150micron**, Condition: Alloy Pre-cursor

Nickel/Chromium (Ni80/Cr20)

Nichrome V[®], Tophet A[®]



Microfoil

NI054700 Thickness: **0.5µm**, Specific density: 420 µg.cm⁻², Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm



Foil

NI050200 Thickness: **0.005mm**, Temper: As rolled, Diameter: 4 mm to 25 mm

NI050220 Thickness: **0.025mm**, Temper: As rolled, Coil width 200 mm, Size: 25x25 mm to 150x150 mm

NI050231 Thickness: **0.075mm**, Temper: Annealed, Coil width 2 mm Length : 1 m to 20 m

NI050240 Thickness: **0.125mm**, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 150x300 mm

NI050270 Thickness: **0.18mm**, Temper: As rolled, Coil width 185 mm, Size: 25x25 mm to 150x150 mm

NI050274 Thickness: **0.20mm**, Temper: Annealed, Coil width 1 mm Length : 1 m to 20 m

NI050280 Thickness: **0.25mm**, Temper: As rolled, Coil width 150 mm, Size: 25x25 mm to 150x150 mm

NI050300 Thickness: **0.4mm**, Temper: As rolled, Coil width 100 mm, Size: 50x50 mm to 100x100 mm



Sheet

NI053150 Thickness: **1.0mm**, Temper: Annealed, Size: 100x100 mm to 200x200 mm

NI053200 Thickness: **1.6mm**, Temper: Annealed, Size: 100x100 mm to 200x200 mm

NI053250 Thickness: **3.0mm**, Temper: Annealed, Size: 100x100 mm to 200x200 mm

NI053400 Thickness: **6.35mm**, Temper: Annealed, Size: 100x100 mm



Sputtering Target

NI059300 Thickness: **3.0mm**, Size: 50 mm to 75 mm



Wire

NI055100 Diameter: **0.01mm**, Temper: As drawn

NI055101 Diameter: **0.0125mm**, Temper: As drawn

NI055102 Diameter: **0.015mm**, Temper: As drawn

NI055105 Diameter: **0.020mm**, Temper: As drawn

NI055110 Diameter: **0.025mm**, Temper: Hard

NI055114 Diameter: **0.04mm**, Temper: Annealed

NI055115 Diameter: **0.05mm**, Temper: Hard

NI055120 Diameter: **0.125mm**, Temper: Hard

NI055130 Diameter: **0.25mm**, Temper: Hard

NI055131 Diameter: **0.25mm**, Temper: Annealed

NI055140 Diameter: **0.5mm**, Temper: Hard

NI055141 Diameter: **0.5mm**, Temper: Annealed

NI055145 Diameter: **0.75mm**, Temper: Annealed

NI055150 Diameter: **1.0mm**, Temper: Hard

NI055160 Diameter: **2.0mm**, Temper: Hard



Insulated Wire

NI055820 Conductor diameter: **0.0125mm**, Insulation thickness: 0.003mm, Insulation: Polyimide

NI055850 Conductor diameter: **0.025mm**, Insulation thickness: 0.004mm, Insulation: Epoxy

NI055840 Conductor diameter: **0.025mm**, Insulation thickness: 0.004mm, Insulation: Polyimide

NI055880 Conductor diameter: **0.125mm**, Insulation thickness: 0.008mm, Insulation: Polyimide



Rod

NI057910 Diameter: **3.0mm**, Length: 100 mm to 1000 mm

NI057920 Diameter: **6.3mm**, Length: 100 mm to 1000 mm

NI057930 Diameter: **9.0mm**, Length: 100 mm to 1000 mm

NI057950 Diameter: **12.0mm**, Length: 100 mm to 1000 mm

NI057960 Diameter: **19.0mm**, Length: 100 mm to 1000 mm



Tube

NI057050 Outside Diameter: **0.56mm**, Wall Thickness: 0.025mm, Inside Diameter: 0.51mm, Length: 100 mm to 1000 mm

NI057130 Outside Diameter: **1.3mm**, Wall Thickness: 0.25mm, Inside Diameter: 0.8mm, Length: 100 mm to 1000 mm

NI057250 Outside Diameter: **2.5mm**, Wall Thickness: 0.25mm, Inside Diameter: 2.0mm, Length: 100 mm to 1000 mm

NI057301 Outside Diameter: **3.0mm**, Wall Thickness: 0.25mm, Inside Diameter: 2.5mm, Length: 100 mm to 1000 mm



Powder

NI056020 Max. Particle size: **75micron**



Lump

NI056100 Max. Lump size: **10mm**, Condition: Pellets

High Permeability Magnetic Alloy (Ni80/Fe15/Mo 5)



Foil

NI180210 Thickness: **0.0075mm**, Size: 25x25 mm to 100x100 mm

NI180220 Thickness: **0.012mm**, Size: 25x25 mm to 100x100 mm

Nickel/Iron/Molybdenum (Ni80/Fe15.5/Mo 4.5)



Foil

NJ270350 Thickness: **0.5mm**, Temper: Annealed, Size: 50x50 mm to 300x300 mm

NJ270400 Thickness: **1.0mm**, Temper: Annealed, Size: 50x50 mm to 300x300 mm

NJ270500 Thickness: **2.0mm**, Temper: Annealed, Size: 50x50 mm to 300x300 mm

NJ270600 Thickness: **3.5mm**, Temper: Annealed, Size: 76x76 mm to 150x150 mm



Sheet

NJ273200 Thickness: **15mm**, Size: 108x108 mm



Wire

NJ275140 Diameter: **0.5mm**, Temper: As drawn

Alloys

Alloys — Nickel/Iron



Rod

- NJ277910** Diameter: **3.2mm**, Temper: As drawn, Length: 100 mm to 1000 mm
- NJ277920** Diameter: **5.0mm**, Temper: As drawn, Length: 100 mm to 1000 mm
- NJ277950** Diameter: **25mm**, Temper: Annealed, Length: 50 mm to 200 mm



Tube

- NJ277600** Outside Diameter: **15mm**, Wall Thickness: 0.4mm, Inside Diameter: 14.2mm, Temper: As drawn, Length: 100 mm to 1000 mm



Lump

- NJ276100** Max. Lump size: **10mm**, Condition: Pellets

Nickel/Iron (Ni80/Fe20)



Foil

- NI290400** Thickness: **1.0mm**, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- NI290450** Thickness: **3.0mm**, Temper: As rolled, Size: 50x50 mm



Sputtering Target

- NI299300** Thickness: **3mm**, Size: 50.8 mm



Wire

- NI295130** Diameter: **0.25mm**, Temper: As drawn
- NI295140** Diameter: **0.5mm**, Temper: As drawn
- NI295150** Diameter: **1.0mm**, Temper: As drawn



Rod

- NI297910** Diameter: **2.0mm**, Temper: As drawn, Length: 100 mm to 1000 mm



Lump

- NI296100** Max. Lump size: **5mm**

Nickel/Molybdenum (Ni80/Mo20)



Powder

- NJ026010** Max. Particle size: **150micron**, Condition: Alloy Pre-cursor

Nickel/Iron (Ni81/Fe19)



Powder

- NJ016020** Max. Particle size: **45micron**, Condition: Atomised

Nickel/Molybdenum (Ni84/Mo16)



Powder

- NJ046010** Max. Particle size: **45micron**, Condition: Alloy Pre-cursor

Nickel/Boron (Ni85/B 15)



Powder

- NI266011** Max. Particle size: **150micron**
- NI266010** Max. Particle size: **150micron**, Condition: Alloy Pre-cursor

T1 - Thermocouple Alloy (Ni90/Cr10)

Chromel® (Hoskins Manufacturing Company)



Microfoil

- NI094850** Thinness: **1µm**, Specific density: 850 µg.cm², Support: Permanent Mylar 3.5µm, Diameter: 10 mm to 25 mm



Foil

- NI090260** Thickness: **0.25mm**, Temper: Annealed, Coil width 100 mm Length : 0.1 m to 2 m
- NI090280** Thickness: **0.50mm**, Temper: Annealed, Coil width 100 mm Length : 0.1 m to 1 m
- NI090300** Thickness: **0.60mm**, Temper: Annealed, Coil width 38 mm Length : 0.2 m to 5 m



Sputtering Target

- NI099300** Thickness: **3.0mm**, Size: 50.8 mm



Wire

- NI095105** Diameter: **0.0075mm**, Temper: Annealed, Thermocouple wire : May be used as one component of a Thermocouple
- NI095110** Diameter: **0.025mm**, Temper: Annealed, Thermocouple wire : May be used as one component of a Thermocouple
- NI095120** Diameter: **0.05mm**, Temper: Annealed, Thermocouple wire : May be used as one component of a Thermocouple
- NI095130** Diameter: **0.125mm**, Temper: Annealed, Thermocouple wire : May be used as one component of a Thermocouple
- NI095140** Diameter: **0.25mm**, Temper: Annealed, Thermocouple wire : May be used as one component of a Thermocouple
- NI095150** Diameter: **0.5mm**, Temper: Annealed, Thermocouple wire : May be used as one component of a Thermocouple
- NI095160** Diameter: **1.0mm**, Temper: Annealed, Thermocouple wire : May be used as one component of a Thermocouple



Insulated Wire

- NI095810** Conductor diameter: **0.025mm**, Insulation thickness: 0.002mm, Insulation: Polyester, Thermocouple wire : May be used as one component of a Thermocouple
- NI095815** Conductor diameter: **0.025mm**, Insulation thickness: 0.004mm, Insulation: Polyimide, Thermocouple wire : May be used as one component of a Thermocouple
- NI095820** Conductor diameter: **0.05mm**, Insulation thickness: 0.002mm, Insulation: Polyester, Thermocouple wire : May be used as one component of a Thermocouple
- NI095825** Conductor diameter: **0.05mm**, Insulation thickness: 0.003mm, Insulation: Polyimide, Thermocouple wire : May be used as one component of a Thermocouple

Alloys

- NI095821** Conductor diameter: **0.05mm**, Insulation thickness: 0.005mm, Insulation: Polyurethane, Thermocouple wire: May be used as one component of a Thermocouple
- NI095830** Conductor diameter: **0.08mm**, Insulation thickness: 0.007mm, Insulation: Polyimide, Thermocouple wire: May be used as one component of a Thermocouple
- NI095845** Conductor diameter: **0.125mm**, Insulation thickness: 0.008mm, Insulation: Polyimide, Thermocouple wire: May be used as one component of a Thermocouple
- NI095840** Conductor diameter: **0.125mm**, Insulation thickness: 0.015mm, Insulation: Polyester
- NI095850** Conductor diameter: **0.25mm**, Insulation thickness: 0.018mm, Insulation: Polyester, Thermocouple wire: May be used as one component of a Thermocouple
- NI095855** Conductor diameter: **0.25mm**, Insulation thickness: 0.04mm, Insulation: Polyimide, Thermocouple wire: May be used as one component of a Thermocouple



Rod

- NI097905** Diameter: **2.0mm**, Temper: Annealed, Length: 100 mm to 1000 mm
- NI097920** Diameter: **6mm**, Temper: As drawn, Length: 100 mm to 1000 mm
- NI097925** Diameter: **9mm**, Temper: As drawn, Length: 100 mm to 1000 mm
- NI097930** Diameter: **12mm**, Temper: As drawn, Length: 100 mm to 1000 mm

Nickel/Titanium (Ni90/Ti10)



Powder

- NJ086010** Max. Particle size: **150micron**, Condition: Alloy Pre-cursor

Nickel/Manganese (Ni92/Mn 8)



Powder

- NI246010** Max. Particle size: **150micron**, Condition: Alloy Pre-cursor

Nickel/Vanadium (Ni93/V 7)



Lump

- NK206100** Max. Lump size: **10mm**, Condition: Pellets

T2 - Thermocouple Alloy (Ni95/(Al + Mn + Si) 5)

Alumel® (Hoskins Manufacturing Company)



Foil

- NI100260** Thickness: **0.25mm**, Temper: Annealed, Coil width 100 mm Length : 0.1 m to 2 m
- NI100280** Thickness: **0.50mm**, Temper: Annealed, Coil width 100 mm Length : 0.1 m to 1 m
- NI100300** Thickness: **0.6mm**, Temper: Annealed, Coil width 38 mm Length : 0.2 m to 5 m



Sputtering Target

- NI109300** Thickness: **3.0mm**, Size: 50.8 mm



Wire

- NI105105** Diameter: **0.0075mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple
- NI105110** Diameter: **0.025mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple
- NI105120** Diameter: **0.05mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple
- NI105130** Diameter: **0.125mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple
- NI105140** Diameter: **0.25mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple
- NI105150** Diameter: **0.5mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple
- NI105160** Diameter: **1.0mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple



Insulated Wire

- NI105810** Conductor diameter: **0.025mm**, Insulation thickness: 0.002mm, Insulation: Polyester, Thermocouple wire: May be used as one component of a Thermocouple
- NI105815** Conductor diameter: **0.025mm**, Insulation thickness: 0.004mm, Insulation: Polyimide, Thermocouple wire: May be used as one component of a Thermocouple
- NI105820** Conductor diameter: **0.05mm**, Insulation thickness: 0.002mm, Insulation: Polyester, Thermocouple wire: May be used as one component of a Thermocouple
- NI105825** Conductor diameter: **0.05mm**, Insulation thickness: 0.003mm, Insulation: Polyimide, Thermocouple wire: May be used as one component of a Thermocouple
- NI105830** Conductor diameter: **0.08mm**, Insulation thickness: 0.007mm, Insulation: Polyimide, Thermocouple wire: May be used as one component of a Thermocouple
- NI105840** Conductor diameter: **0.125mm**, Insulation thickness: 0.004mm, Insulation: Polyester, Thermocouple wire: May be used as one component of a Thermocouple
- NI105845** Conductor diameter: **0.125mm**, Insulation thickness: 0.008mm, Insulation: Polyimide, Thermocouple wire: May be used as one component of a Thermocouple
- NI105850** Conductor diameter: **0.25mm**, Insulation thickness: 0.004mm, Insulation: Polyester, Thermocouple wire: May be used as one component of a Thermocouple

Alloys

NI105855 Conductor diameter: **0.25mm**, Insulation thickness: 0.04mm, Insulation: Polyimide, **Thermocouple wire**: May be used as one component of a Thermocouple



Rod

NI107905 Diameter: **2.0mm**, Temper: Annealed, Length: 100 mm to 1000 mm

NI107920 Diameter: **6mm**, Temper: As drawn, Length: 100 mm to 1000 mm

NI107925 Diameter: **9mm**, Temper: As drawn, Length: 100 mm to 1000 mm

NI107930 Diameter: **12mm**, Temper: As drawn, Length: 100 mm to 1000 mm

Nickel/Beryllium/Titanium (Ni97.5/Be 1.95/Ti 0.5)



Foil

NI080200 Thickness: **0.01mm**, Coil width 75 mm, Size: 25x25 mm to 50x50 mm

Lead/Tin (Pb75/Sn25)



Wire

PB035138 Diameter: **0.9mm**, Temper: As drawn

PB035140 Diameter: **1mm**, Temper: As drawn

Antimonial Lead (Pb95/Sb 5)



Powder

PB126010 Max. Particle size: **250micron**, Min. Particle size: 150micron

Antimonial Lead (Pb96/Sb 4)



Foil

PB020300 Thickness: **0.1mm**, Temper: As rolled, Size: 25x25 mm to 150x150 mm

Lead/Selenium (Pb99/Se 1)



Granule

PB106300 Nominal Granule Size: **5mm**, Condition: Alloy Pre-cursor

Palladium/Copper (Pd60/Cu40)



Foil

PD120300 Thickness: **0.5mm**, Size: 25x25 mm to 50x50 mm

Palladium/Silver (Pd70/Ag30)



Foil

PD070240 Thickness: **0.15mm**, Temper: As rolled, Size: 25x25 mm to 100x100 mm



Wire

PD075160 Diameter: **1mm**, Temper: As drawn

Palladium/Silver (Pd75/Ag25)



Foil

PD030350 Thickness: **0.25mm**, Size: 25x25 mm to 100x100 mm



Tube

PD037200 Outside Diameter: **1.0mm**, Wall Thickness: 0.1mm, Inside Diameter: 0.8mm, Temper: As drawn, Length: 100 mm to 500 mm

PD037400 Outside Diameter: **4.7mm**, Wall Thickness: 0.25mm, Inside Diameter: 4.2mm, Temper: As drawn, Length: 50 mm to 200 mm

PD037500 Outside Diameter: **6.25mm**, Wall Thickness: 0.1mm, Inside Diameter: 6.05mm, Temper: As drawn, Length: 50 mm to 200 mm

Palladium/Silver (Pd77/Ag23)



Foil

PD270250 Thickness: **0.125mm**, Temper: As rolled, Size: 25x25 mm to 100x100 mm

PD270300 Thickness: **0.25mm**, Temper: As rolled, Size: 25x25 mm to 50x50 mm

Platinum/Iridium (Pt70/Ir30)



Foil

PT050250 Thickness: **0.125mm**, Size: 25x25 mm to 100x100 mm



Wire

PT055120 Diameter: **0.05mm**, Temper: Annealed

PT055140 Diameter: **0.25mm**, Temper: As drawn

PT055150 Diameter: **0.5mm**, Temper: As drawn

PT055160 Diameter: **1.0mm**, Temper: As drawn

Platinum/Rhodium (Pt70/Rh30)



Wire

PT065120 Diameter: **0.25mm**, Temper: Annealed, **Thermocouple wire**: May be used as one component of a Thermocouple

PT065130 Diameter: **0.5mm**, Temper: Annealed, **Thermocouple wire**: May be used as one component of a Thermocouple

Platinum/Iridium (Pt75/Ir25)



Wire

PT235120 Diameter: **0.05mm**, Temper: Annealed

PT235150 Diameter: **0.1mm**, Condition: Clad with 0.1mm thickness Platinum, Condition: Weight is for the 0.1mm diameter Pt75/Ir25 core only



Rod

PT237930 Diameter: **2.9mm**, Temper: As drawn, Length: 25 mm to 50 mm

Platinum/Iridium (Pt80/Ir20)



Foil

PT040250 Thickness: **0.05mm**, Size: 25x25 mm to 100x100 mm

PT040300 Thickness: **0.25mm**, Size: 25x25 mm to 50x50 mm

PT040400 Thickness: **2.0mm**, Size: 25x25 mm to 50x50 mm

Alloys

Wire

- PT045105** Diameter: **0.015mm**, Temper: Stress relieved
- PT045110** Diameter: **0.1mm**, Temper: As drawn
- PT045120** Diameter: **0.25mm**, Temper: As drawn
- PT045128** Diameter: **0.34mm**, Temper: Annealed
- PT045130** Diameter: **0.38mm**, Temper: As drawn
- PT045140** Diameter: **0.50mm**, Temper: As drawn
- PT045150** Diameter: **1.0mm**, Temper: As drawn

Platinum/Rhodium (Pt87/Rh13)

Wire

- PT035050** Diameter: **0.015mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple
- PT035100** Diameter: **0.025mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple
- PT035150** Diameter: **0.05mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple
- PT035200** Diameter: **0.125mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple
- PT035250** Diameter: **0.25mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple
- PT035300** Diameter: **0.5mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple
- PT035350** Diameter: **1.0mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple

Platinum/Iridium (Pt90/Ir10)

Foil

- PT020231** Thickness: **0.025mm**, Temper: As rolled, Ribbon width 0.38 mm Length : 0.1 m to 1 m
- PT020230** Thickness: **0.025mm**, Temper: As rolled, Coil width 2.5 mm Length : 0.1 m to 1 m
- PT020235** Thickness: **0.025mm**, Temper: As rolled, Size: 25x25 mm to 50x50 mm
- PT020240** Thickness: **0.05mm**, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- PT020250** Thickness: **0.125mm**, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- PT020260** Thickness: **0.25mm**, Temper: As rolled, Size: 25x25 mm to 100x100 mm
- PT020300** Thickness: **1.0mm**, Temper: As rolled, Size: 25x25 mm to 50x50 mm
- PT020350** Thickness: **2.0mm**, Temper: As rolled, Size: 25x25 mm to 50x50 mm

Wire

- PT025050** Diameter: **0.005mm**, Temper: As drawn
- PT025098** Diameter: **0.015mm**, Temper: As drawn
- PT025100** Diameter: **0.025mm**, Temper: As drawn

- PT025103** Diameter: **0.03mm**, Temper: As drawn
- PT025110** Diameter: **0.05mm**, Temper: As drawn
- PT025115** Diameter: **0.075mm**, Temper: As drawn
- PT025120** Diameter: **0.1mm**, Temper: As drawn
- PT025130** Diameter: **0.125mm**, Temper: As drawn
- PT025135** Diameter: **0.15mm**, Temper: As drawn
- PT025140** Diameter: **0.25mm**, Temper: As drawn
- PT025145** Diameter: **0.38mm**, Temper: As drawn
- PT025150** Diameter: **0.5mm**, Temper: As drawn
- PT025160** Diameter: **1.0mm**, Temper: As drawn

Insulated Wire

- PT025825** Conductor diameter: **0.025mm**, Insulation thickness: 0.005mm, Insulation: PTFE
- PT025820** Conductor diameter: **0.025mm**, Insulation thickness: 0.008mm, Insulation: Polyester
- PT025835** Conductor diameter: **0.05mm**, Insulation thickness: 0.009mm, Insulation: PTFE
- PT025830** Conductor diameter: **0.05mm**, Insulation thickness: 0.023mm, Insulation: Polyester

Rod

- PT027910** Diameter: **2.0mm**, Temper: As drawn, Length: 25 mm to 100 mm

Tube

- PT027100** Outside Diameter: **0.48mm**, Wall Thickness: 0.16mm, Inside Diameter: 0.16mm, Temper: As drawn, Length: 100 mm to 1000 mm
- PT027200** Outside Diameter: **0.56mm**, Wall Thickness: 0.13mm, Inside Diameter: 0.30mm, Temper: As drawn, Length: 100 mm to 1000 mm

Platinum/Rhodium (Pt90/Rh10)

Foil

- PT010250** Thickness: **0.125mm**, Size: 25x25 mm to 100x100 mm

Wire

- PT015105** Diameter: **0.005mm**, Condition: Wollaston wire, Thermocouple wire: May be used as one component of a Thermocouple
- PT015110** Diameter: **0.025mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple
- PT015120** Diameter: **0.05mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple
- PT015130** Diameter: **0.125mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple
- PT015135** Diameter: **0.20mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple
- PT015140** Diameter: **0.25mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple

Alloys

PT015145 Diameter: **0.30mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple

PT015150 Diameter: **0.5mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple

PT015160 Diameter: **1.0mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple



Rod

PT017920 Diameter: **7.0mm**, Temper: As drawn, Length: 25 mm to 50 mm



Tube

PT017200 Outside Diameter: **2.0mm**, Wall Thickness: 0.4mm, Inside Diameter: 1.2mm, Temper: As drawn, Length: 50 mm to 100 mm

Platinum/Tungsten (Pt92/W 8)



Wire

PT105120 Diameter: **0.025mm**, Temper: As drawn

PT105125 Diameter: **0.05mm**, Temper: As drawn

PT105150 Diameter: **0.5mm**, Temper: As drawn



Insulated Wire

PT105825 Conductor diameter: **0.025mm**, Insulation thickness: 0.007mm, Insulation: Polyimide

Platinum/Rhodium (Pt94/Rh 6)



Wire

PT075120 Diameter: **0.25mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple

Silicon/Germanium (Si70/Ge30)



Lump

SI056100 Max. Lump size: 50mm

Tin/Lead (Sn50/Pb50)



Lump

SN076100 Max. Lump size: 100mm

Tin/Lead/Antimony (Sn60/Pb39/Sb 1)



Foil

SN010200 Thickness: **0.006mm**, Diameter: 4 mm to 50 mm

Tin/Antimony (Sn95/Sb 5)



Powder

SA056020 Max. Particle size: 250micron

Tin/Silver (Sn96/Ag 4)



Wire

SN175120 Diameter: **0.27mm**, Temper: As drawn

Tantalum/Tungsten (Ta90/W 10)



Foil

TA030470 Thickness: **0.25mm**, Size: 50x50 mm to 100x100 mm



Rod

TA037905 Diameter: **1.5mm**, Temper: Annealed, Length: 100 mm to 1000 mm

TA037920 Diameter: **5.0mm**, Temper: Annealed, Length: 50 mm to 500 mm

TA037930 Diameter: **8.0mm**, Temper: Annealed, Length: 50 mm to 500 mm

TA037935 Diameter: **10.0mm**, Temper: Annealed, Length: 50 mm to 200 mm

Tantalum/Tungsten (Ta97.5/W 2.5)



Foil

TA070300 Thickness: **0.4mm**, Temper: As drawn, Coil width 20 mm Length : 0.1 m to 2 m



Rod

TA077910 Diameter: **2.5mm**, Temper: As drawn, Length: 100 mm to 1000 mm

Titanium/Iron (Ti50/Fe50)



Powder

TI176010 Max. Particle size: **150micron**, Condition: Alloy Pre-cursor

Titanium/Aluminium (Ti65/Al35)



Powder

TI066010 Max. Particle size: **75micron**, Condition: Alloy Pre-cursor

Titanium/Vanadium/Chromium/Aluminium (Ti69/V 15/Cr13/Al 3)



Foil

TJ110350 Thickness: **0.038mm**, Temper: Annealed, Size: 25x25 mm to 100x100 mm

Titanium Bronze (Ti75/Cu25)



Powder

TI136010 Max. Particle size: **45micron**, Condition: Alloy Pre-cursor

Titanium Alloy Beta 3 (Ti77.5/Mo12/Zr 6/Sn 4.5)



Foil

TI050400 Thickness: **0.42mm**, Temper: Annealed, Condition: Precipitation hardenable, Coil width 150 mm, Size: 25x25 mm to 150x150 mm

Titanium/Aluminium (Ti78/Al22)



Powder

TI106010 Max. Particle size: **75micron**, Condition: Alloy Pre-cursor

Alloys

**Titanium/Molybdenum/Niobium/
 Aluminium/Silicon
 (Ti8.8/Mo15/Nb 3/Al 3/Si 0.2)**



Foil

TJ140250 Thickness: **0.5mm**, Temper: As rolled, Size: 50x50 mm to 100x100 mm

Titanium/Chromium (Ti80/Cr20)



Powder

TI146010 Max. Particle size: **75micron**, Condition: Alloy Pre-cursor

Titanium/Molybdenum (Ti84/Mo16)



Powder

TI186010 Max. Particle size: **150micron**, Condition: Alloy Pre-cursor

Titanium/Aluminium (Ti88/Al12)



Powder

TI096010 Max. Particle size: **150micron**, Condition: Alloy Pre-cursor

**Titanium/Aluminium/Vanadium
 (Ti90/Al 6/V 4)**



Foil

TI010250 Thickness: **0.043mm**, Temper: As rolled, Size: 50x50 mm

TI010300 Thickness: **0.1mm**, Temper: Annealed, Tolerance: 25%, Size: 50x50 mm to 300x300 mm

TI010400 Thickness: **0.25mm**, Temper: Annealed, Size: 50x50 mm to 300x300 mm

TI010420 Thickness: **0.30mm**, Temper: Annealed, Tolerance: 20%, Size: 25x25 mm to 50x50 mm

TI010450 Thickness: **0.52mm**, Temper: Annealed, Size: 50x50 mm to 300x300 mm

TI010460 Thickness: **0.6mm**, Temper: Annealed, Size: 50x50 mm to 300x300 mm

TI010500 Thickness: **1.0mm**, Temper: Annealed, Size: 25x25 mm to 150x150 mm

TI010550 Thickness: **2.0mm**, Temper: Annealed, Condition: Precipitation hardenable, Size: 100x100 mm to 150x150 mm

TI010560 Thickness: **3mm**, Temper: Annealed, Size: 150x150 mm

TI010575 Thickness: **5mm**, Temper: Annealed, Size: 150x150 mm

TI010580 Thickness: **7mm**, Temper: Annealed, Size: 150x150 mm to 300x300 mm



Wire

TI015150 Diameter: **0.10mm**, Temper: Annealed

TI015250 Diameter: **0.25mm**, Temper: As drawn

TI015260 Diameter: **0.5mm**, Temper: Annealed

TI015280 Diameter: **1.0mm**, Temper: Annealed



Rod

TI017905 Diameter: **2.0mm**, Temper: Annealed, Length: 200 mm

TI017910 Diameter: **5.0mm**, Temper: Annealed, Length: 100 mm to 1000 mm

TI017915 Diameter: **7.0mm**, Length: 100 mm to 1000 mm

TI017925 Diameter: **10.0mm**, Length: 50 mm to 200 mm

TI017930 Diameter: **12.7mm**, Length: 100 mm to 1000 mm

TI017940 Diameter: **16.0mm**, Length: 100 mm to 500 mm

TI017960 Diameter: **25.0mm**, Length: 50 mm to 200 mm

TI017970 Diameter: **35.0mm**, Length: 50 mm to 200 mm

TI017980 Diameter: **50mm**, Length: 50 mm to 300 mm

TI017990 Diameter: **101.6mm**, Length: 65 mm to 300 mm



Powder

TI016021 Max. Particle size: **45micron**, Condition: Spherical powder

TI016010 Max. Particle size: **450micron**, Condition: Spherical powder



Sphere

TI016830 Diameter: **3mm**

TI016860 Diameter: **6mm**

Titanium/Vanadium (Ti90/V 10)



Powder

TI256010 Max. Particle size: **150micron**, Condition: Alloy Pre-cursor

Titanium/Gallium (Ti92/Ga 8)



Lump

TJ206100 Max. Lump size: **25mm**

Titanium/Silicon (Ti92/Si 8)



Powder

TI216010 Max. Particle size: **425micron**, Min. Particle size: 150micron, Condition: Alloy Pre-cursor

**Titanium/Aluminium/Vanadium
 (Ti94.5/Al 3/V 2.5)**



Foil

TI040300 Thickness: **0.030mm**, Temper: Annealed, Coil width 150 mm Length : 0.5 m to 1 m

Titanium/Palladium (Ti99.85/Pd 0.15)



Foil

TI260400 Thickness: **0.45mm**, Size: 100x100 mm to 300x300 mm

Vanadium/Chromium (V 75/Cr25)



Powder

V 026010 Max. Particle size: **150micron**, Condition: Alloy Pre-cursor

Tungsten/Cobalt (W 50/Co50)



Powder

W 036010 Max. Particle size: **75micron**, Condition: Alloy Pre-cursor

Alloys — Titanium/Molybdenum/Niobium/Aluminium/Silicon

Alloys

Tungsten/Copper (W 60/Cu40)



Foil

- W 180210** Thickness: **0.125mm**, Size: 25x25 mm to 25x200 mm
- W 180250** Thickness: **0.25mm**, Size: 25x50 mm to 50x200 mm
- W 180300** Thickness: **0.50mm**, Size: 25x75 mm to 75x200 mm
- W 180400** Thickness: **1.0mm**, Size: 25x75 mm to 75x200 mm



Wire

- W 185120** Diameter: **0.5mm**, Condition: Straight wire
- W 185140** Diameter: **1.0mm**, Condition: Straight wire



Tube

- W 187100** Outside Diameter: **0.5mm**, Wall Thickness: 0.13mm, Inside Diameter: 0.24mm, Length: 175 mm
- W 187300** Outside Diameter: **3.15mm**, Wall Thickness: 1.15mm, Inside Diameter: 0.85mm, Length: 80 mm to 175 mm

Tungsten/Copper (W 72/Cu28)

Copelmet®



Sheet

- W 113100** Thickness: **3.15mm**, Size: 25x25 mm to 50x200 mm



Rod

- W 117915** Diameter: **3.5mm**, Length: 100 mm to 200 mm
- W 117920** Diameter: **6.25mm**, Length: 100 mm to 200 mm
- W 117930** Diameter: **12.7mm**, Length: 100 mm to 200 mm
- W 117935** Diameter: **16.0mm**, Length: 100 mm to 200 mm
- W 117940** Diameter: **25mm**, Length: 100 mm to 200 mm



Bar

- W 118100** Side Length: **25mm**, Side Length (of longer side): 25mm, Length: 50 mm to 200 mm

Tungsten/Rhenium (W 74/Re26)



Wire

- W 125120** Diameter: **0.125mm**, Temper: Annealed

Tungsten/Rhenium (W 75/Re25)



Wire

- W 015050** Diameter: **0.025mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple
- W 015075** Diameter: **0.05mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple
- W 015100** Diameter: **0.075mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple
- W 015110** Diameter: **0.1mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple

W 015120 Diameter: **0.125mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple

W 015125 Diameter: **0.178mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple

W 015130 Diameter: **0.2mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple

W 015135 Diameter: **0.25mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple

W 015138 Diameter: **0.35mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple

W 015140 Diameter: **0.5mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple

W 015145 Diameter: **0.75mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple

W 015150 Diameter: **1.0mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple

Tungsten/Copper (W 80/Cu20)



Foil

- W 160450** Thickness: **3.0mm**, Size: 100x100 mm



Rod

- W 167910** Diameter: **6mm**, Length: 100 mm to 200 mm
- W 167920** Diameter: **12mm**, Length: 100 mm to 200 mm
- W 167940** Diameter: **25mm**, Length: 100 mm to 200 mm



Tube

- W 167100** Outside Diameter: **0.5mm**, Wall Thickness: 0.13mm, Inside Diameter: 0.24mm, Length: 180 mm

Tungsten/Silver (W 90/Ag10)



Powder

- W 076010** Max. Particle size: **150micron**, Condition: Alloy Pre-cursor

Tungsten/Chromium (W 90/Cr10)



Powder

- W 066010** Max. Particle size: **45micron**, Condition: Alloy Pre-cursor

Tungsten/Rhenium (W 95/Re 5)



Wire

- W 025100** Diameter: **0.1mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple

Alloys

W 025120 Diameter: **0.125mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple

W 025250 Diameter: **0.25mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple

W 025350 Diameter: **0.5mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple

W 025365 Diameter: **0.65mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple

W 025370 Diameter: **0.7mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple

Tungsten/Titanium (W 95/Ti 5)



Powder

W 086010 Max. Particle size: **45micron**, Condition: Alloy Pre-cursor

Tungsten/Rhenium (W 97/Re 3)



Foil

W 040250 Thickness: **0.05mm**, Temper: Annealed, Ribbon width 0.5 mm Length : 0.2 m to 5 m

W 040260 Thickness: **0.05mm**, Temper: Annealed, Size: 25x25 mm to 50x50 mm



Wire

W 045090 Diameter: **0.01mm**, Temper: As drawn, Thermocouple wire: May be used as one component of a Thermocouple

W 045100 Diameter: **0.02mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple

W 045120 Diameter: **0.025mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple

W 045150 Diameter: **0.05mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple

W 045170 Diameter: **0.125mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple

W 045180 Diameter: **0.15mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple

W 045200 Diameter: **0.2mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple

W 045250 Diameter: **0.25mm**, Temper: Annealed

W 045300 Diameter: **0.5mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple

W 045350 Diameter: **1.0mm**, Temper: Annealed, Thermocouple wire: May be used as one component of a Thermocouple

Thoriated Tungsten (W 98/Th 2)



Sheet

W 133200 Thickness: **5.0mm**, Temper: As rolled, Size: 65x65 mm



Rod

W 137920 Diameter: **6.35mm**, Length: 100 mm to 1000 mm

W 137940 Diameter: **12.7mm**, Length: 50 mm to 200 mm

Thoriated Tungsten (W 99/Th 1)



Wire

W 145300 Diameter: **0.125mm**, Temper: Annealed

W 145350 Diameter: **0.15mm**, Temper: Annealed

W 145370 Diameter: **0.2mm**, Temper: Annealed

W 145400 Diameter: **0.25mm**, Temper: Annealed

W 145440 Diameter: **0.38mm**, Temper: Annealed

W 145450 Diameter: **0.5mm**, Temper: Annealed

W 145475 Diameter: **0.75mm**, Temper: Annealed

W 145500 Diameter: **1mm**, Temper: Annealed

Thoriated Tungsten (W 99.4/Th 0.6)



Wire

W 055140 Diameter: **0.013mm**, Temper: Annealed

W 055150 Diameter: **0.025mm**, Temper: Annealed

W 055200 Diameter: **0.05mm**, Temper: Annealed

W 055250 Diameter: **0.1mm**, Temper: Annealed

W 055500 Diameter: **1.0mm**, Temper: Annealed

Zinc/Aluminium (Zn50/Al50)



Powder

ZN016010 Max. Particle size: **150micron**, Condition: Alloy Pre-cursor

Zinc/Nickel (Zn90/Ni10)



Powder

ZN036010 Max. Particle size: **150micron**, Condition: Alloy Pre-cursor

Zinc/Copper (Zn95/Cu 5)



Powder

ZN026011 Max. Particle size: **150micron**

ZN026010 Max. Particle size: **150micron**, Condition: Alloy Pre-cursor

Zirconium/Vanadium (Zr56.5/V 43.5)



Powder

ZR086010 Max. Particle size: **150micron**, Condition: Alloy Pre-cursor

Alloys

Zirconium/Nickel (Zr70/Ni30)



Powder

ZR046010 Max. Particle size: **150micron**, Condition:
Alloy Pre-cursor

Zirconium/Aluminium (Zr90/Al10)



Powder

ZR016010 Max. Particle size: **45micron**, Condition:
Alloy Pre-cursor

Alloys — Zirconium/Nickel

Compounds

Aluminium Borosilicide (AlBSi)



Powder

AL546010 Max. Particle size: 150micron

Aluminium Carbide (Al₄C₃)



Powder

AL516010 Max. Particle size: 45micron, Purity: 98.0%

Aluminium Nitride (AlN)



Powder

AL526020 Max. Particle size: 50micron

Antimony Telluride (Sb₂Te₃)



Lump

SB506100 Max. Lump size: 10mm, Purity: 99.99%

Arsenic Telluride (As₂Te₃)



Lump

AS506100 Max. Lump size: 10mm, Purity: 99.999%

Barium Titanate (BaTiO₃)



Powder

BA506010 Max. Particle size: 45micron, Purity: 98.0%

Bismuth Telluride (Bi₂Te₃)



Lump

BI506100 Max. Lump size: 6mm, Purity: 99.999%

Boron Carbide (B₄C)



Powder

B 506010 Max. Particle size: 45micron, Purity: 99%

Boron Nitride (BN)



Powder

B 516011 Max. Particle size: 10micron

Caesium Iodide (CsI)



Sheet

CS533010 Thickness: 2.0 mm, Condition: Polished both sides, Size: 5x10 mm

CS533011 Thickness: 2.0 mm, Condition: Polished both sides, Size: 10x10 mm

Caesium Metavanadate (CsVO₃)



Powder

CS516010 Max. Particle size: 45micron, Purity: 99.0%

Calcium Boride (CaB₆)



Powder

CA526010 Max. Particle size: 150micron, Purity: 99%

Calcium Fluoride (CaF₂)



Sheet

CA553200 Thickness: 2.0 mm, Condition: Polished both sides, Size: 10x10 mm

Calcium Hydride (CaH₂)



Powder

CA506010 Max. Particle size: 400micron, Purity: 94-96%

Calcium Titanate (CaTiO₃)



Powder

CA546010 Max. Particle size: 45micron, Condition: Electronic grade

Chromium Carbide (Cr₃C₂)



Powder

CR516010 Max. Particle size: 45micron, Purity: 99.0%

Chromium Diboride (CrB₂)



Powder

CR506010 Max. Particle size: 45micron, Purity: 99.0%

Chromium Nitride (Cr₂N)



Powder

CR526011 Max. Particle size: 45micron, Purity: 99.0%

Chromium Silicide (CrSi₂)



Powder

CR536020 Max. Particle size: 45micron

Cobalt Boride (Co₂B)



Powder

CO516010 Max. Particle size: 500micron

Copper II Oxide (CuO)



Powder

CU506010 Max. Particle size: 10micron

Copper Selenide (CuSe)



Powder

CU516010 Max. Particle size: 45micron, Purity: 99.99%

Copper Telluride (Cu₂Te)



Powder

CU526010 Max. Particle size: 45micron, Purity: 99.99%

Gadolinium Oxide (Gd₂O₃)



Powder

GD506010 Max. Particle size: 5micron

Hafnium Carbide (HfC)



Powder

HF516010 Max. Particle size: 45micron, Purity: 99.0%

Compounds

Hafnium Diboride (HfB₂)



Powder

HF506010 Max. Particle size: **45micron**, Purity: 99.0%

Hafnium Hydride (HfH₂)



Powder

HF526010 Max. Particle size: **75micron**, Purity: 99.5%

Indium Oxide (In₂O₃)



Sputtering Target

IN529300 Thickness: **3.0mm**, Size: 50 mm

Indium Oxide/Tin Oxide (In₂O₃ 90 /SnO₂ 10)



Sputtering Target

IN519300 Thickness: **3.0mm**, Condition: Hot-pressed, Size: 50 mm to 75 mm

IN519600 Thickness: **6.0mm**, Condition: Hot-pressed, Size: 50.8 mm to 76.2 mm

Iron Boride (FeB)



Powder

FE546010 Max. Particle size: **500micron**

Iron Boride (Fe₂B)



Powder

FF506010 Max. Particle size: **500micron**

Iron Silicide (FeSi)



Powder

FE506020 Max. Particle size: **850micron**

Lanthanum Fluoride (LaF₃)



Single Crystal

LA512011 Oriented: **Random**, Diameter: 5mm, Length: 1.5mm, Dopant: Eu

LA512020 Oriented: **Random**, Diameter: 6mm, Length: 5mm, Dopant: Eu

LA512010 Oriented: **Random**, Diameter: 10mm, Length: 1.5mm, Dopant: Eu

Lanthanum Hexaboride (LaB₆)



Powder

LA506010 Max. Particle size: **45micron**, Purity: 99.0%

Lanthanum Oxide (La₂O₃)



Powder

LA546010 Max. Particle size: **200micron**

Lead Selenide (PbSe)



Lump

PB506100 Max. Lump size: **3mm**, High Purity: 99.999%

PB506101 Max. Lump size: **3mm**, High Purity: 99.999%

Lithium Fluoride (LiF)



Lump

LI516100 Max. Lump size: **6mm**, Purity: 99.9%

LI516101 Max. Lump size: **10mm**, High Purity: 99.995%



Single Crystal

LI512050 Oriented: **(001)**, Size: 1x5x5 mm

LI512060 Oriented: **(001)**, Size: 2x5x5 mm

LI512051 Oriented: **(001)**, Diameter: 5mm, Length: 1mm

LI512052 Oriented: **(111)**, Diameter: 5mm, Length: 1mm

Magnesium Fluoride (MgF₂)



Lump

MG516100 Max. Lump size: **5mm**, Purity: 99.99%

Magnesium Oxide (MgO)



Sputtering Target

MG509300 Thickness: **3.0mm**, Size: 25.4 mm to 76.2 mm

MG509600 Thickness: **6.0mm**, Size: 50.8 mm to 76.2 mm



Powder

MG506010 Max. Particle size: **1000micron**



Single Crystal

MG502020 Oriented: **(100)**, Purity: 99.9%, Size: 10x10x1 mm

MG502025 Oriented: **(100)**, Purity: 99.9%, Size: 10x10x2.1 mm

MG502026 Oriented: **(100)**, Purity: 99.9%, Size: 10x10x2.1 mm

MG502050 Oriented: **(100)**, Diameter: 10mm, Purity: 99.9%, Thickness: 0.7mm

Manganese Silicide (MnSi₂)



Powder

MN516010 Max. Particle size: **150micron**, Purity: 99.0%

Molybdenum Carbide (Mo₂C)



Powder

MO516010 Mean Particle size: **3.8micron (FSS)**, Purity: 99.0%

MO516011 Max. Particle size: **45micron**

Molybdenum Diboride (MoB₂)



Powder

MO506011 Max. Particle size: **10micron**, Purity: 99.0%

Molybdenum Disilicide (MoSi₂)



Sputtering Target

MO539600 Thickness: **6.0mm**, Size: 50 mm to 75 mm



Powder

MO536020 Max. Particle size: **18micron**, Min. Particle size: 3micron, Purity: 99.5%

MO536010 Max. Particle size: **45micron**, Purity: 99.5%

Compounds

Nickel Oxide (NiO)



Sputtering Target

NI519300 Thickness: **3mm**, Condition: Hot-pressed, Size: 50.8 mm



Powder

NI516010 Max. Particle size: **45micron**, Colour: Black

NI516011 Max. Particle size: **45micron**, Colour: Green

Niobium Boride (NbB₂)



Powder

NB506010 Max. Particle size: **45micron**, Purity: 99.0%

Niobium Carbide (NbC)



Powder

NB516010 Max. Particle size: **45micron**, Purity: 99.0%

Niobium Nitride (NbN)



Powder

NB546010 Max. Particle size: **150micron**, Purity: 99%

Niobium Pentoxide (Nb₂O₅)



Powder

NB556010 Max. Particle size: **150micron**, Purity: 99.5%

Niobium Silicide (NbSi₂)



Powder

NB536010 Max. Particle size: **45micron**, Purity: 99.0%

Silicon Carbide (SiC)



Powder

SI516022 Max. Particle size: **0.05micron**, Condition: Nanopowder, Phase: Beta

SI516021 Mean Particle size: **0.1-1micron**, Phase: Alpha

SI516010 Max. Particle size: **75micron**, Purity: 98.7%, Phase: Alpha

Silicon Monoxide (SiO)



Powder

SI546010 Max. Particle size: **45micron**

Silicon Nitride (Si₃N₄)



Powder

SI536015 Max. Particle size: **0.02micron**, Condition: Nanopowder, Condition: Amorphous

SI536014 Max. Particle size: **0.8micron**, Min. Particle size: 0.1micron, Condition: Nanopowder, Phase: Alpha

SI536020 Max. Particle size: **10micron**, Condition: Alpha Si₃N₄ (85% minimum)

Silver Chloride (AgCl)



Powder

AG506010 Max. Particle size: **150micron**

Sodium Chloride (NaCl)



Single Crystal

NA502100 Oriented: **(100)**, Condition: Polished both sides, Size: 1x20x20 mm

Strontium Titanate (SrTiO₃)



Powder

SR506010 Mean Particle size: **5micron (FSS)**, Purity: 98.0%



Single Crystal

SR502011 Oriented: **(100)**, Thickness: 1.0mm, Size: 10x10 mm

Tantalum Boride (TaB₂)



Powder

TA516010 Max. Particle size: **45micron**, Purity: 99.0%

Tantalum Carbide (TaC)



Powder

TA526010 Max. Particle size: **45micron**

Tantalum Hafnium Carbide (Ta₄HfC₅)



Powder

TA536010 Max. Particle size: **45micron**, Purity: 99.0%

Tantalum Silicide (TaSi₂)



Powder

TA566010 Max. Particle size: **45micron**, Purity: 99.0%

Thallium Telluride (Tl₂Te)



Lump

TL516100 Max. Lump size: **3mm**, High Purity: 99.999%

Tin Oxide (SnO₂)



Sputtering Target

SN509300 Thickness: **3.0mm**, Condition: Hot-pressed, Size: 50 mm

Tin Oxide (SnO)



Powder

SN516010 Max. Particle size: **150micron**

Titanium Aluminide (TiAl₃)



Powder

TI506011 Max. Particle size: **45micron**

Titanium Boride (TiB₂)



Sputtering Target

TI519300 Thickness: **3.0mm**, Size: 50 mm

TI519600 Thickness: **6.0mm**, Size: 50 mm



Powder

TI516020 Max. Particle size: **45micron**, Purity: 99.0%

Compounds

Titanium Carbide (TiC)



Powder

TI546005 Mean Particle size: <0.1micron, Purity: 99.8+%, Condition: Nanopowder

TI546010 Mean Particle size: 3micron (FSS), Purity: 98.5%

TI546020 Max. Particle size: 5micron, Purity: 99.8+%

TI546030 Max. Particle size: 150micron, Min. Particle size: 50micron, Purity: 99.8+%

Titanium Hydride (TiH₂)



Powder

TI556010 Max. Particle size: 150micron, Purity: 99.0+%

Titanium Nitride (TiN)



Sputtering Target

TI569300 Thickness: 3.0mm, Condition: Hot-pressed, Size: 50.8 mm

TI569600 Thickness: 6.0mm, Condition: Hot-pressed, Size: 50.8 mm to 76.2 mm



Powder

TI566005 Max. Particle size: 0.02micron, Purity: 99.0%, Condition: Nanopowder

TI566010 Max. Particle size: 45micron, Purity: 99.0%

Titanium Silicide (TiSi₂)



Powder

TI576010 Max. Particle size: 45micron, Purity: 99.0%

Titanium Silicocarbide (TiSiC₂ + TiSiC)



Powder

TI586020 Max. Particle size: 90micron

Tungsten Boride (WB)



Powder

W 506010 Max. Particle size: 45micron, Purity: 99.0%

Tungsten Carbide (WC)



Powder

W 526010 Max. Particle size: 150micron, Min. Particle size: 45micron, Purity: 99.5%

Tungsten Disulphide (WS₂)



Powder

W 556010 Mean Particle size: 0.1-2micron (FSS), Purity: 99.5%

W 556011 Max. Particle size: 10micron, Purity: 99.5%

Tungsten Ditelluride (WTe₂)



Powder

W 576010 Max. Particle size: 50micron, Purity: 99.99%

Tungsten Silicide (WSi₂)



Powder

W 546010 Max. Particle size: 45micron, Purity: 99.0%

Tungsten Titanium Carbide (WTiC₂)



Powder

W 566010 Max. Particle size: 150micron, Purity: 99.5%, Condition: Crystalline

Tungsten Trioxide (WO₃)



Powder

WA506010 Max. Particle size: 45micron

Vanadium Carbide (VC)



Powder

V 516010 Max. Particle size: 45micron, Purity: 99.0%

Vanadium Nitride (VN)



Powder

V 536010 Max. Particle size: 150micron, Purity: 99.0%

Vanadium Pentoxide (V₂O₅)



Powder

V 566010 Max. Particle size: 400micron

Vanadium Silicide (VSi₂)



Powder

V 546010 Max. Particle size: 45micron, Purity: 99.0%

Zinc Arsenide (Zn₃As₂)



Powder

ZN506010 Max. Particle size: 150micron, Purity: 99%

Zinc Oxide (ZnO)



Sputtering Target

ZN529300 Thickness: 3.0mm, Size: 50 mm to 75 mm



Powder

ZN526010 Max. Particle size: 45micron, High Purity: 99.999%



Single Crystal

ZN522010 Oriented: Random, Condition: Ground, Size: 8x8x1 mm

Zinc Selenide (ZnSe)



Powder

ZN516010 Max. Particle size: 45micron

Zinc Sulphide (ZnS)



Lump

ZN536100 Max. Lump size: 5mm, Purity: 99.99%

Compounds

Zirconium Boride (ZrB₂)



Powder

ZR506010 Max. Particle size: **45micron**, Purity: 99.0%

Zirconium Carbide (ZrC)



Powder

ZR516010 Max. Particle size: **45micron**, Purity: 99.0%

Zirconium Hydride (ZrH₂)



Powder

ZR526010 Max. Particle size: **150micron**, Purity: 99.5%

Zirconium Nitride (ZrN)



Powder

ZR536010 Max. Particle size: **45micron**, Purity: 99.0%

Intermetallics

Aluminium Nickelide (Al₃Ni)



Powder

AL706010 Max. Particle size: **150micron**

Aluminium Nickelide (Al₃Ni₂)



Powder

AL716010 Max. Particle size: **150micron**

Nickel Aluminide (NiAl)



Powder

NI706010 Max. Particle size: **150micron**

NI706011 Max. Particle size: **150micron**, Mean Particle size: 45micron, Condition: Atomised

Ceramics

Alumina (Al₂O₃)



Sheet

- AL603015** Thickness: **0.15mm**, Purity: 96%, Size: 50x50 mm
- AL603024** Thickness: **0.25mm**, Purity: 96%, Diameter: 25 mm
- AL603025** Thickness: **0.25mm**, Purity: 96%, Size: 25x25 mm
- AL603026** Thickness: **0.25mm**, Purity: 96%, Size: 50x50 mm
- AL603050** Thickness: **0.50mm**, Purity: 96%, Size: 25x25 mm
- AL603051** Thickness: **0.50mm**, Purity: 96%, Size: 50x50 mm
- AL603064** Thickness: **0.64mm**, Purity: 96%, Size: 114x114 mm
- AL603100** Thickness: **1.0mm**, Purity: 97.5%, Size: 25x25 mm
- AL603110** Thickness: **1.0mm**, Purity: 97.5%, Size: 50x50 mm
- AL603200** Thickness: **2.0mm**, Purity: 99.0%, Size: 50x50 mm
- AL603201** Thickness: **2.0mm**, Purity: 99.0%, Size: 2x12 mm
- AL603250** Thickness: **2.5mm**, Purity: 99.0%, Size: 25x25 mm
- AL603251** Thickness: **2.5mm**, Purity: 99.0%, Size: 50x50 mm
- AL603300** Thickness: **3.0mm**, Purity: 99.0%, Size: 25x25 mm
- AL603301** Thickness: **3.0mm**, Purity: 99.0%, Size: 25x50 mm
- AL603401** Thickness: **4.0mm**, Purity: 99.0%, Size: 25x50 mm
- AL603450** Thickness: **5.0mm**, Purity: 99.0%, Size: 25x25 mm to 100x100 mm
- AL603480** Thickness: **10.0mm**, Purity: 99.0%, Size: 50x50 mm



Sputtering Target

- AL609300** Thickness: **3.15mm**, Purity: 99.5%, Size: 50 mm to 100.5 mm
- AL609301** Thickness: **3.15mm**, Purity: 99.99%, Size: 50.8 mm to 76.2 mm
- AL609501** Thickness: **5.0mm**, Purity: 99.5%, Size: 50 mm
- AL609600** Thickness: **6.35mm**, Purity: 99.5%, Size: 50.8 mm to 76.2 mm
- AL609601** Thickness: **6.35mm**, Purity: 99.99%, Size: 50.8 mm to 76.2 mm



Foam

- AL603820** Thickness: **7mm**, Pores/cm: 26, Porosity: 86%, Size: 50x50 mm
- AL603821** Thickness: **12.7mm**, Pores/cm: 26, Porosity: 86%, Size: 100x100 mm
- AL603825** Thickness: **12.7mm**, Pores/cm: 8, Porosity: 84%, Size: 100x100 mm



Fibre

- AL605720** Tex Number: **210**, Filament Diameter: 0.02mm, Number of Filaments: 200, Grade: FP
- AL605725** Tex Number: **250**, Filament Diameter: 0.01mm, Number of Filaments: 1000, Grade: AMX



Rod

- AL607910** Diameter: **1.0mm**, Purity: 99.0%, Length: 100 mm to 500 mm
- AL607915** Diameter: **1.5mm**, Purity: 99.0%, Length: 100 mm to 300 mm
- AL607921** Diameter: **2.0mm**, Purity: 99.0%, Length: 2 mm
- AL607920** Diameter: **2.0mm**, Purity: 99.0%, Length: 150 mm to 450 mm
- AL607950** Diameter: **5.0mm**, Purity: 99.0%, Length: 100 mm to 1000 mm
- AL607960** Diameter: **6.0mm**, Purity: 99.0%, Length: 100 mm to 1000 mm
- AL607975** Diameter: **10.0mm**, Purity: 99.0%, Length: 100 mm to 1000 mm
- AL607978** Diameter: **12.7mm**, Purity: 99.0%, Length: 100 mm to 1000 mm
- AL607990** Diameter: **20.0mm**, Purity: 99.0%, Length: 50 mm to 500 mm



Tube

- AL607020** Outside Diameter: **0.80mm**, Wall Thickness: 0.225mm, Purity: 99.0%, Inside Diameter: 0.35mm, Length: 100 mm to 500 mm
- AL607050** Outside Diameter: **2.5mm**, Wall Thickness: 0.68mm, Purity: 99.0%, Inside Diameter: 1.14mm, Length: 150 mm to 450 mm
- AL607080** Outside Diameter: **4.0mm**, Wall Thickness: 1.0mm, Purity: 99.0%, Inside Diameter: 2mm, Length: 150 mm to 450 mm
- AL607120** Outside Diameter: **6.0mm**, Wall Thickness: 1.0mm, Purity: 99.0%, Inside Diameter: 4mm, Length: 100 mm to 1000 mm
- AL607160** Outside Diameter: **8.0mm**, Wall Thickness: 1.5mm, Purity: 99.0%, Inside Diameter: 5mm, Length: 100 mm to 1000 mm
- AL607290** Outside Diameter: **15mm**, Wall Thickness: 2.5mm, Purity: 99.0%, Inside Diameter: 10mm, Length: 100 mm to 1000 mm
- AL607350** Outside Diameter: **26mm**, Wall Thickness: 3mm, Purity: 99.0%, Inside Diameter: 20mm, Length: 50 mm to 500 mm



Powder

- AL606021** Mean Particle size: **0.02micron**, Condition: Nanopowder
- AL606020** Max. Particle size: **0.1micron**
- AL606010** Mean Particle size: **45micron**, Purity: 99.9%



Granule

- AL606300** Nominal Granule Size: **2mm**, Purity: 99.99%



Sphere

- AL606810** Diameter: **0.5mm**, Condition: Polished
- AL606815** Diameter: **1.0mm**, Condition: Polished
- AL606820** Diameter: **3.0mm**, Condition: Polished
- AL606825** Diameter: **5.0mm**, Condition: Polished
- AL606860** Diameter: **6.0mm**, Condition: Polished
- AL606870** Diameter: **10.0mm**, Condition: Polished
- AL606890** Diameter: **18mm**, Condition: Polished

Ceramics

Alumina Silicate (SiO₂ 53/Al₂O₃ 47)

Fibre

AL695710 Tex Number: **2100**, Filament Diameter: 0.002 mm, Tensile support: Inconel wire 0.15mm, Yarn diameter: Approx 2.5mm

Alumina/Silica (Al₂O₃ 80/SiO₂ 20)

Fibre

AJ615720 Tex Number: **205**, Filament Diameter: 0.01mm, Number of Filaments: 960

Alumina/Silica (Al₂O₃ 96/SiO₂ 4 - Saffil®)

Saffil®

Sheet

AL633063 Thickness: **6.3mm**, Size: 50x100 mm to 150x150 mm

AL633100 Thickness: **10mm**, Size: 75x75 mm to 150x150 mm

AL633440 Thickness: **44mm**, Size: 75x75 mm

Non-Woven Fabric

AL633705 Weight.m⁻²: **80g**, Thickness: 0.5mm, Coil width 550 mm, Size: 250x250 mm to 500x500 mm

AL633710 Weight.m⁻²: **160g**, Thickness: 1mm, Coil width 550 mm, Size: 250x250 mm to 500x500 mm

AL633720 Weight.m⁻²: **320g**, Thickness: 2mm, Coil width 550 mm, Size: 100x100 mm to 500x500 mm

AL633730 Weight.m⁻²: **480g**, Thickness: 3mm, Coil width 550 mm, Size: 250x250 mm to 500x500 mm

AL633780 Weight.m⁻²: **1240g**, Thickness: 35mm, Coil width 600 mm, Size: 300x300 mm

AL633790 Weight.m⁻²: **1470g**, Thickness: 45mm, Size: 300x300 mm

Alumina/Silica/Boria (Al₂O₃ 70/SiO₂ 28/B₂O₃ 2)

Nextel® 440

Fibre

AJ625710 Tex Number: **110**, Filament Diameter: 0.011mm, Number of Filaments: 390, Grade: Nextel 440®

Alumina/Silica/Boria (Al₂O₃ 62/SiO₂ 24/B₂O₃ 14)

Nextel® 312

Fabric

AL623541 Weight.m⁻²: **400g**, Warp Yarn: 200Tex, Weft Yarn: 200Tex, Weave: Plain, Thickness: 0.41mm, Coil width 25.4 mm Length : 1 m to 5 m

Fibre

AL625710 Tex Number: **100**, Filament Diameter: 0.011mm, Number of Filaments: 390, Grade: Nextel 312®

AL625720 Tex Number: **500**, Grade: Nextel 312®, Thread diameter: 0.7mm nominal

AL625725 Tex Number: **680**, Grade: Nextel 312®, Thread diameter: 0.8mm nominal

Aluminium Nitride (AlN)

Sheet

AL643064 Thickness: **0.64mm**, Condition: Translucent, Size: 25x25 mm to 50x50 mm

Powder

AL646005 Max. Particle size: **0.02micron**, Purity: 99.5+%, Condition: Nanopowder

AL646010 Mean Particle size: **1.4micron (FSS)**, Purity: 99.5+%

Aluminium Nitride - Machineable (Shapal-M®)

Shapal-M®

Sheet

AK613006 Thickness: **0.6mm**, Size: 50x50 mm

AK613010 Thickness: **1mm**, Size: 50x50 mm to 100x100 mm

AK613030 Thickness: **3mm**, Size: 50x50 mm to 100x100 mm

AK613050 Thickness: **5mm**, Size: 25x25 mm to 100x100 mm

AK613100 Thickness: **10mm**, Size: 25x25 mm to 100x100 mm

Rod

AK617910 Diameter: **10mm**, Length: 50 mm to 300 mm

AK617920 Diameter: **20mm**, Length: 50 mm to 100 mm

Alumino-silicate Glass (SiO₂ 57/Al₂O₃ 36/CaO/MgO/BaO)

Sheet

SI693060 Thickness: **6mm**, Condition: Porous Alumino-Silicate, Diameter: 50 mm

SI693100 Thickness: **10mm**, Condition: Porous Alumino-Silicate, Size: 150x150 mm

SI693150 Thickness: **15mm**, Condition: Porous Alumino-Silicate, Size: 300x300 mm

SI693200 Thickness: **20mm**, Condition: Porous Alumino-Silicate, Size: 300x300 mm

Tube

SI697070 Outside Diameter: **1.78mm**, Wall Thickness: 0.34mm, Inside Diameter: 1.1mm, Length: 100 mm to 750 mm

SI697290 Outside Diameter: **29mm**, Wall Thickness: 8mm, Inside Diameter: 13mm, Condition: Porous Alumino-Silicate, Length: 250 mm

SI697380 Outside Diameter: **38mm**, Wall Thickness: 6.5mm, Inside Diameter: 25mm, Condition: Porcelain Mullite, Length: 250 mm

Beryllia (BeO 99.5)

Sheet

BE603050 Thickness: **0.5mm**, Size: 14.5x14.5 mm to 25x25 mm

BE603051 Thickness: **0.5mm**, Diameter: 23 mm

BE603055 Thickness: **0.5mm**, Size: 50x50 mm

BE603100 Thickness: **1.0mm**, Size: 12x12 mm to 25x25 mm

BE603110 Thickness: **1.0mm**, Size: 50x50 mm

Ceramics

- BE603150** Thickness: **1.5mm**, Size: 25x25 mm
- BE603200** Thickness: **2.0mm**, Size: 25x25 mm
- BE603210** Thickness: **2.0mm**, Size: 50x50 mm
- BE603400** Thickness: **4.0mm**, Size: 25x25 mm
- BE603410** Thickness: **4.0mm**, Size: 50x50 mm



Rod

- BE607910** Diameter: **1.0mm**, Length: 150 mm
- BE607930** Diameter: **3.0mm**, Length: 150 mm
- BE607950** Diameter: **5.0mm**, Length: 150 mm
- BE607980** Diameter: **10.0mm**, Length: 150 mm

Boron Carbide (B₄C)



Powder

- B 626010** Max. Particle size: **45micron**, Purity: 99%



Granule

- B 626300** Nominal Granule Size: **5mm**

Boron Carbide - Hot-pressed (B₄C)



Sheet

- B 613010** Thickness: **0.2mm**, Size: 10x10 mm
- B 613210** Thickness: **2.0mm**, Size: 50x50 mm
- B 613410** Thickness: **4.0mm**, Size: 50x50 mm



Sputtering Target

- B 619300** Thickness: **3.0mm**, Size: 50 mm to 76.2 mm
- B 619400** Thickness: **4.0mm**, Size: 30 mm



Rod

- B 617906** Diameter: **6.0mm**, Length: 100 mm

Boron Nitride (BN)



Sheet

- B 603110** Thickness: **0.20mm**, Condition: Hot-pressed, Size: 5x5 mm
- B 603151** Thickness: **0.5mm**, Condition: Hot-pressed, Diameter: 30 mm
- B 603150** Thickness: **0.5mm**, Condition: Hot-pressed, Size: 100x100 mm
- B 603175** Thickness: **1.0mm**, Condition: Hot-pressed, Diameter: 13 mm to 20 mm
- B 603120** Thickness: **1.0mm**, Condition: Pyrolytic, Size: 25x25 mm
- B 603121** Thickness: **1.0mm**, Condition: Pyrolytic, Size: 50x50 mm
- B 603125** Thickness: **1.5mm**, Condition: Pyrolytic, Size: 25x25 mm
- B 603200** Thickness: **2.0mm**, Condition: Hot-pressed, Size: 25x25 mm
- B 603220** Thickness: **2.0 mm**, Condition: Hot isostatic pressed, Size: 25x25 mm
- B 603201** Thickness: **2.0mm**, Condition: Hot-pressed, Size: 50x50 mm
- B 603202** Thickness: **2.0mm**, Condition: Hot-pressed, Diameter: 40 mm to 50 mm
- B 603221** Thickness: **2.0 mm**, Condition: Hot isostatic pressed, Size: 50x50 mm
- B 603203** Thickness: **2.0mm**, Condition: Hot-pressed, Size: 100x100 mm to 100x200 mm

- B 603400** Thickness: **4.0mm**, Condition: Hot-pressed, Size: 25x25 mm

- B 603401** Thickness: **4.0mm**, Condition: Hot-pressed, Size: 50x50 mm

- B 603402** Thickness: **4.0mm**, Condition: Hot-pressed, Size: 300x300 mm



Sputtering Target

- B 609300** Thickness: **3.0 mm**, Condition: Hot isostatic pressed, Size: 25.4 mm to 76.2 mm



Rod

- B 607905** Diameter: **3.0mm**, Condition: Hot-pressed, Length: 100 mm
- B 607906** Diameter: **4.0mm**, Condition: Hot-pressed, Length: 100 mm
- B 607910** Diameter: **6.4mm**, Condition: Hot-pressed, Length: 100 mm to 200 mm
- B 607915** Diameter: **9.0mm**, Condition: Hot-pressed, Length: 25 mm to 200 mm
- B 607920** Diameter: **12.7mm**, Condition: Hot-pressed, Length: 25 mm to 200 mm
- B 607930** Diameter: **15mm**, Condition: Hot-pressed, Length: 25 mm to 100 mm
- B 607940** Diameter: **20mm**, Condition: Hot-pressed, Length: 25 mm to 100 mm
- B 607950** Diameter: **25.4mm**, Condition: Hot-pressed, Length: 25 mm to 100 mm
- B 607955** Diameter: **32mm**, Condition: Hot-pressed, Length: 25 mm to 100 mm



Tube

- B 607100** Outside Diameter: **6.4mm**, Wall Thickness: 2.35mm, Inside Diameter: 1.7mm, Condition: Hot-pressed, Length: 100 mm
- B 607101** Outside Diameter: **6.4mm**, Wall Thickness: 2.35mm, Inside Diameter: 1.7mm, Condition: Hot-pressed, Length: 50 mm
- B 607120** Outside Diameter: **16mm**, Wall Thickness: 2.5mm, Inside Diameter: 11mm, Condition: Hot-pressed, Length: 50 mm



Powder

- B 606011** Max. Particle size: **10micron**, Purity: 99.5%

Leachable Ceramic (SiO₂ 50/ZrSiO₄ 40/Al₂O₃ 10)



Rod

- SI657915** Diameter: **1.5mm**, Length: 50 mm to 90 mm
- SI657925** Diameter: **2.5mm**, Length: 50 mm to 150 mm
- SI657950** Diameter: **5.0mm**, Length: 47 mm to 150 mm
- SI657975** Diameter: **10.0mm**, Length: 50 mm to 150 mm



Tube

- SI657120** Outside Diameter: **6.0mm**, Wall Thickness: 2.0mm, Inside Diameter: 2mm, Length: 150 mm
- SI657320** Outside Diameter: **16.0mm**, Wall Thickness: 5.0mm, Inside Diameter: 6mm, Length: 150 mm
- SI657500** Outside Diameter: **25.0mm**, Wall Thickness: 8.3mm, Inside Diameter: 8.4mm, Length: 150 mm

Ceramics

Machineable Glass Ceramic (SiO₂ 46/Al₂O₃ 16/MgO 17/K₂O 10/ B₂O₃ 7)

MACOR[®]



Sheet

- SI663005** Thickness: **0.5mm**, Size: 100x100 mm
SI663010 Thickness: **1mm**, Size: 25x25 mm
SI663011 Thickness: **1mm**, Size: 100x100 mm
SI663020 Thickness: **2mm**, Size: 25x25 mm to 50x50 mm
SI663021 Thickness: **2mm**, Size: 100x100 mm
SI663030 Thickness: **3mm**, Size: 25x25 mm
SI663031 Thickness: **3mm**, Size: 100x100 mm
SI663060 Thickness: **6mm**, Size: 25x25 mm to 50x50 mm
SI663130 Thickness: **13mm**, Size: 25x25 mm to 150x150 mm



Rod

- SI667902** Diameter: **1.6mm**, Length: 100 mm to 300 mm
SI667904 Diameter: **3.2mm**, Length: 100 mm to 300 mm
SI667906 Diameter: **4.8mm**, Length: 100 mm to 300 mm
SI667908 Diameter: **8.0mm**, Length: 50 mm to 200 mm
SI667910 Diameter: **10.0mm**, Length: 50 mm to 200 mm
SI667913 Diameter: **12.7mm**, Length: 25 mm to 300 mm
SI667925 Diameter: **25.4mm**, Length: 25 mm to 300 mm
SI667950 Diameter: **50.8mm**, Length: 25 mm to 50 mm



Bar

- SI668125** Side Length: **25.4mm**, Side Length (of longer side): 25.4mm, Length: 25 mm to 100 mm
SI668250 Side Length: **50.8mm**, Side Length (of longer side): 50.8mm, Length: 25 mm to 50 mm

Magnesium Silicate (MgSiO₃)



Powder

- MG626010** Max. Particle size: **10micron**

Magnesium oxide (MgO)



Rod

- MG607920** Diameter: **6.35mm**, Stabilised with: 3% Yttria, Length: 150 mm

Potassium Aluminosilicate (Muscovite Mica)



Sheet

- K 603012** Thickness: **0.012mm**, Condition: Clear Ruby, Size: 50x50 mm to 100x100 mm
K 603016 Thickness: **0.016mm**, Condition: Clear Ruby, Size: 100x100 mm
K 603020 Thickness: **0.020mm**, Condition: Clear Ruby, Size: 25x25 mm to 100x100 mm
K 603025 Thickness: **0.025mm**, Condition: Clear Ruby, Size: 25x25 mm to 100x100 mm
K 603050 Thickness: **0.050mm**, Condition: Clear Ruby, Size: 25x25 mm to 50x50 mm
K 603100 Thickness: **0.10mm**, Condition: Clear Ruby, Size: 25x25 mm to 100x100 mm

- K 603151** Thickness: **0.15mm**, Condition: Clear Ruby, Diameter: 12 mm
K 603153 Thickness: **0.15mm**, Condition: Clear Ruby, Diameter: 8 mm
K 603152 Thickness: **0.15mm**, Condition: Clear Ruby, Diameter: 16 mm
K 603150 Thickness: **0.15mm**, Condition: Clear Ruby, Size: 25x25 mm to 100x100 mm
K 603155 Thickness: **0.15mm**, Condition: Clear Green, Size: 200x200 mm

Quartz - Fused (SiO₂)



Sheet

- SI613051** Thickness: **0.25 mm**, Condition: Polished both sides, Size: 25x25 mm to 50x50 mm
SI613100 Thickness: **1.0 mm**, Condition: Polished both sides, Size: 25x25 mm
SI613101 Thickness: **1.0 mm**, Condition: Polished both sides, Size: 50x50 mm
SI613105 Thickness: **1.0 mm**, Condition: Polished both sides, Size: 150x150 mm
SI613120 Thickness: **2.0 mm**, Condition: Polished both sides, Size: 25x25 mm
SI613121 Thickness: **2.0 mm**, Condition: Polished both sides, Size: 50x50 mm
SI613200 Thickness: **2.0mm**, Condition: Translucent, Size: 150x150 mm
SI613205 Thickness: **2.0 mm**, Condition: Polished both sides, Size: 150x150 mm
SI613140 Thickness: **3.0 mm**, Condition: Polished both sides, Size: 25x25 mm
SI613142 Thickness: **3.0mm**, Condition: Ground, Size: 50x50 mm
SI613141 Thickness: **3.0 mm**, Condition: Polished both sides, Size: 50x50 mm
SI613300 Thickness: **6.0 mm**, Condition: Polished both sides, Diameter: 25 mm
SI613305 Thickness: **6.35 mm**, Condition: Polished both sides, Diameter: 63.5 mm



Sputtering Target

- SI619301** Thickness: **3.0mm**, Purity: 99%, Size: 50 mm to 75 mm
SI619300 Thickness: **3.0mm**, Purity: 99.995%, Size: 50.8 mm
SI619601 Thickness: **6.0mm**, Purity: 99%, Size: 50 mm to 75 mm
SI619600 Thickness: **6.0mm**, Purity: 99.995%, Size: 50 mm to 75 mm



Rod

- SI617905** Diameter: **0.5mm**, Length: 50 mm
SI617910 Diameter: **1.0mm**, Length: 100 mm to 1000 mm
SI617920 Diameter: **2.0mm**, Length: 100 mm to 1000 mm
SI617930 Diameter: **3.0mm**, Length: 100 mm to 1000 mm
SI617950 Diameter: **5.0mm**, Length: 100 mm to 1000 mm
SI617975 Diameter: **10.0mm**, Length: 100 mm to 1000 mm
SI617978 Diameter: **12.0mm**, Length: 100 mm to 1000 mm
SI617980 Diameter: **15.0mm**, Length: 100 mm to 1000 mm
SI617990 Diameter: **20.0mm**, Length: 100 mm to 1000 mm

Ceramics



Tube

- SI617020** Outside Diameter: **0.7mm**, Wall Thickness: 0.1mm, Inside Diameter: 0.5mm, Length: 100 mm
- SI617030** Outside Diameter: **1.0mm**, Wall Thickness: 0.1mm, Inside Diameter: 0.8mm, Length: 100 mm
- SI617040** Outside Diameter: **2.9mm**, Wall Thickness: 0.75mm, Inside Diameter: 1.4mm, Length: 100 mm to 1000 mm
- SI617041** Outside Diameter: **3.0mm**, Wall Thickness: 0.9mm, Inside Diameter: 1.2mm, Length: 200 mm
- SI617050** Outside Diameter: **4.0mm**, Wall Thickness: 1.0mm, Inside Diameter: 2mm, Length: 100 mm to 1000 mm
- SI617080** Outside Diameter: **5.0mm**, Wall Thickness: 1.0mm, Inside Diameter: 3mm, Length: 100 mm to 1000 mm
- SI617150** Outside Diameter: **7.0mm**, Wall Thickness: 1.0mm, Inside Diameter: 5mm, Length: 100 mm to 1000 mm
- SI617180** Outside Diameter: **9.0mm**, Wall Thickness: 1.0mm, Inside Diameter: 7mm, Length: 100 mm to 1000 mm
- SI617260** Outside Diameter: **12.0mm**, Wall Thickness: 1.0mm, Inside Diameter: 10mm, Length: 100 mm to 1000 mm
- SI617360** Outside Diameter: **18.0mm**, Wall Thickness: 1.3mm, Inside Diameter: 15.4mm, Length: 100 mm to 1000 mm
- SI617460** Outside Diameter: **23.0mm**, Wall Thickness: 1.5mm, Inside Diameter: 20mm, Length: 100 mm to 1000 mm
- SI617480** Outside Diameter: **25mm**, Wall Thickness: 1.5mm, Inside Diameter: 22mm, Length: 100 mm to 900 mm
- SI617490** Outside Diameter: **28mm**, Wall Thickness: 1.5mm, Inside Diameter: 25mm, Length: 100 mm to 900 mm
- SI617550** Outside Diameter: **40mm**, Wall Thickness: 2mm, Inside Diameter: 36mm, Length: 100 mm to 1000 mm



Powder

- SI616010** Max. Particle size: **45micron**



Granule

- SI616300** Nominal Granule Size: **3mm**, Purity: 99.995%

Ruby (Al₂O₃ /Cr₂O₃ /Si₂O₃)



Sheet

- AJ603100** Thickness: **1.0mm**, Condition: Single crystal, Cr₂O₃ content: 0.9%, Size: 20x20 mm
- AJ603400** Thickness: **5.0mm**, Condition: Single crystal, Cr₂O₃ content: 0.9%, Size: 5x5 mm



Powder

- AJ606010** Max. Particle size: **45micron**, Cr₂O₃ content: 0.1%, Colour: Green



Sphere

- AJ606811** Diameter: **0.16mm**, Condition: Polished, Cr₂O₃ content: 0.9%
- AJ606820** Diameter: **0.5mm**, Condition: Polished, Cr₂O₃ content: 0.9%

- AJ606825** Diameter: **1.0mm**, Condition: Polished, Cr₂O₃ content: 0.9%
- AJ606830** Diameter: **1.5mm**, Condition: Polished, Cr₂O₃ content: 0.9%
- AJ606835** Diameter: **2.0mm**, Condition: Polished, Cr₂O₃ content: 0.9%
- AJ606840** Diameter: **3.0mm**, Condition: Polished, Cr₂O₃ content: 0.9%
- AJ606860** Diameter: **6.0mm**, Condition: Polished, Cr₂O₃ content: 0.9%

Sapphire (Al₂O₃ 99.9)



Sheet

- AL663010** Thickness: **0.10 mm**, Condition: Single crystal - Random orientation, Polished both sides: Polish : 0.05 - 0.1µm Ra, Diameter: 12 mm
- AL663026** Thickness: **0.25 mm**, Condition: Single crystal - Random orientation, Polished both sides: Polish : 0.05 - 0.1µm Ra, Diameter: 12 mm
- AL663025** Thickness: **0.25 mm**, Condition: Single crystal - Random orientation, Polished both sides: Polish : 0.05 - 0.1µm Ra, Size: 25x25 mm
- AL663030** Thickness: **0.3 mm**, Condition: Single crystal - Random orientation, Polished both sides: Polish : 0.05 - 0.1µm Ra, Diameter: 9.5 mm
- AL663050** Thickness: **0.5 mm**, Condition: Single crystal - Random orientation, Polished both sides: Polish : 0.05 - 0.1µm Ra, Diameter: 12 mm to 25 mm
- AL663051** Thickness: **0.5 mm**, Condition: Single crystal - Random orientation, Polished both sides: Polish : 0.05 - 0.1µm Ra, Size: 10x10 mm to 40x40 mm
- AL663060** Thickness: **0.635 mm**, Condition: Single crystal - Random orientation, Polished both sides: Polish : 0.05 - 0.1µm Ra, Diameter: 12 mm
- AL663101** Thickness: **1.0 mm**, Condition: Single crystal - Random orientation, Polished both sides: Polish : 0.05 - 0.1µm Ra, Size: 25x25 mm
- AL663100** Thickness: **1.0 mm**, Condition: Single crystal - Random orientation, Polished both sides: Polish : 0.05 - 0.1µm Ra, Diameter: 8.5 mm to 30 mm
- AL663120** Thickness: **2.0 mm**, Condition: Single crystal - Random orientation, Polished both sides: Polish : 0.05 - 0.1µm Ra, Diameter: 4 mm
- AL663121** Thickness: **2.0 mm**, Condition: Single crystal - Random orientation, Polished both sides: Polish : 0.05 - 0.1µm Ra, Diameter: 20 mm
- AL663250** Thickness: **3.0 mm**, Condition: Single crystal - Random orientation, Polished both sides: Polish : 0.05 - 0.1µm Ra, Diameter: 25 mm
- AL663300** Thickness: **6.35 mm**, Condition: Single crystal - Random orientation, Polished both sides: Polish : 0.05 - 0.1µm Ra, Diameter: 25 mm



Monofilament

- AL665920** Diameter: **0.125mm**

Ceramics



Rod

AL667920 Diameter: **2.0mm**, Length: 50 mm

AL667940 Diameter: **4.0mm**, Length: 50 mm



Powder

AL666010 Max. Particle size: **60micron**



Sphere

AL666802 Diameter: **0.5mm**, Condition: Polished

AL666803 Diameter: **1.0mm**, Condition: Polished

AL666805 Diameter: **1.5mm**, Condition: Polished

AL666810 Diameter: **3mm**, Condition: Polished

AL666812 Diameter: **4mm**, Condition: Polished

AL666815 Diameter: **5mm**, Condition: Polished

AL666820 Diameter: **6mm**, Condition: Polished

Silica (SiO₂ 96)

VYCOR[®]



Sheet

SI623010 Thickness: **0.5mm**, Size: 5x5 mm to 10x10 mm

SI623320 Thickness: **3.2mm**, Size: 150x150 mm

SI623063 Thickness: **6.35mm**, Size: 150x150 mm

Silicon Carbide (SiC)

Nicalon



Sheet

SI673250 Thickness: **4mm**, Condition: Direct sintered, Size: 50x50 mm



Foam

SI673850 Thickness: **10mm**, Bulk density: 0.29g.cm⁻³, Pores/cm: 24, Porosity: 91%, Size: 100x100 mm



Fibre

SI675721 Tex Number: **209**, Filament Diameter: 0.015mm, Number of Filaments: 500



Monofilament

SI675920 Diameter: **0.1mm**, Core: Tungsten 0.01mm diameter

SI675930 Diameter: **0.1mm**, Core: Tungsten 0.01mm diameter



Powder

SI676021 Mean Particle size: **0.1-1micron**, Phase: Alpha

SI676010 Max. Particle size: **75micron**, Purity: 98.7%

Silicon Carbide - Hot-pressed (SiC)



Sheet

SJ603209 Thickness: **2.0mm**, Size: 10x10 mm

SJ603210 Thickness: **2.0mm**, Size: 50x50 mm



Granule

SJ606300 Nominal Granule Size: **1mm**

Silicon Carbide - Reaction Bonded (SiC)

REFEL F[®]



Sheet

SI643251 Thickness: **5mm**, Size: 50x50 mm

SI643250 Thickness: **5.0mm**, Condition: Ground, Size: 50x50 mm

SI643300 Thickness: **6.0mm**, Condition: Ground, Size: 50x50 mm



Rod

SI647950 Diameter: **5.0mm**, Length: 100 mm to 200 mm

SI647975 Diameter: **10.0mm**, Length: 100 mm to 200 mm

SI647990 Diameter: **15.0mm**, Length: 52 mm to 150 mm



Tube

SI647250 Outside Diameter: **10.0mm**, Wall Thickness: 2.8mm, Inside Diameter: 4.4mm, Length: 59 mm to 150 mm

SI647350 Outside Diameter: **15.0mm**, Wall Thickness: 4.0mm, Inside Diameter: 7mm, Length: 50 mm to 150 mm

Silicon Nitride (Si₃N₄)



Powder

SI686020 Max. Particle size: **10micron**, Condition: Alpha Si₃N₄ (85% minimum)

Silicon Nitride - Hot-pressed (Si₃N₄)



Sheet

SJ613060 Thickness: **6.0mm**, Size: 47x47 mm

SJ613100 Thickness: **10mm**, Size: 47x47 mm



Sputtering Target

SJ619300 Thickness: **3.0mm**, Condition: Hot-pressed, Size: 50.8 mm to 76.2 mm

SJ619600 Thickness: **6.0mm**, Condition: Hot-pressed, Size: 50.8 mm to 76.2 mm

Silicon Nitride - Reaction Bonded (Si₃N₄)

NITRASIL[®] R



Sheet

SI633110 Thickness: **1.0mm**, Size: 50x50 mm

SI633200 Thickness: **2.0mm**, Size: 25x25 mm

SI633210 Thickness: **2.0mm**, Size: 50x50 mm

SI633220 Thickness: **2.0mm**, Size: 100x100 mm

SI633400 Thickness: **4.0mm**, Size: 25x25 mm

SI633410 Thickness: **4.0mm**, Size: 50x50 mm

SI633420 Thickness: **4.0mm**, Size: 100x100 mm



Rod

SI637920 Diameter: **2.0mm**, Length: 100 mm

SI637950 Diameter: **5.0mm**, Length: 100 mm

SI637975 Diameter: **10.0mm**, Length: 150 mm



Tube

SI637250 Outside Diameter: **5.0mm**, Wall Thickness: 1.0mm, Inside Diameter: 3mm, Length: 100 mm

Ceramics

SI637400 Outside Diameter: **8.0mm**, Wall Thickness: 1.5mm, Inside Diameter: 5mm, Length: 100 mm

SI637500 Outside Diameter: **10.0mm**, Wall Thickness: 2.5mm, Inside Diameter: 5mm, Length: 150 mm

 **Sphere**

SI636810 Diameter: **3mm**, Condition: Polished

SI636820 Diameter: **6mm**, Condition: Polished

Silicon Nitride/Aluminium Nitride/Aluminium Oxide (Sialon)

Syalon®

 **Sheet**

SY603200 Thickness: **2.0mm**, Size: 25x25 mm

SY603210 Thickness: **2.0mm**, Size: 50x50 mm

SY603400 Thickness: **4.0mm**, Size: 25x25 mm

SY603410 Thickness: **4.0mm**, Size: 50x50 mm

Titanium Diboride (TiB₂)

 **Sheet**

TI613300 Thickness: **3.0mm**, Size: 25x25 mm

 **Sputtering Target**

TI619600 Thickness: **6mm**, Size: 50 mm

Titanium Dioxide (TiO₂ 99.6%)

 **Sheet**

TI603200 Thickness: **2.0mm**, Size: 25x25 mm

TI603300 Thickness: **3.0mm**, Size: 25x25 mm

 **Sputtering Target**

TI609300 Thickness: **3mm**, Size: 50.8 mm to 76.2 mm

TI609600 Thickness: **6.35mm**, Size: 50.8 mm to 76.2 mm

 **Powder**

TI606010 Max. Particle size: **45micron**

Tungsten Carbide/Cobalt (WC 94/Co 6)

 **Sheet**

W 603100 Thickness: **1.0mm**, Size: 100x100 mm

W 603200 Thickness: **2.0mm**, Size: 25x25 mm

 **Sputtering Target**

W 609300 Thickness: **3mm**, Size: 50.8 mm

 **Rod**

W 607905 Diameter: **3.0mm**, Length: 150 mm

W 607910 Diameter: **6.35mm**, Length: 150 mm

 **Tube**

W 607120 Outside Diameter: **0.5mm**, Wall Thickness: 0.2mm, Inside Diameter: 0.1mm, Condition: Centreless ground, Length: 150 mm

W 607140 Outside Diameter: **1.0mm**, Wall Thickness: 0.3mm, Inside Diameter: 0.4mm, Condition: Centreless ground, Length: 150 mm

W 607160 Outside Diameter: **2.0mm**, Wall Thickness: 0.6mm, Inside Diameter: 0.8mm, Condition: Centreless ground, Length: 150 mm

 **Sphere**

W 606801 Diameter: **0.2mm**, Condition: Polished

W 606802 Diameter: **0.25mm**, Condition: Polished

W 606803 Diameter: **0.30mm**, Condition: Polished

W 606804 Diameter: **0.35mm**, Condition: Polished

W 606805 Diameter: **0.40mm**, Condition: Polished

W 606810 Diameter: **3.0mm**, Condition: Polished

W 606840 Diameter: **6.0mm**, Condition: Polished

Yttrium Oxide (Y₂O₃)

 **Sheet**

Y 603010 Thickness: **0.5mm**, Diameter: 10 mm

Y 603020 Thickness: **2.0mm**, Diameter: 10 mm

Y 603030 Thickness: **3.0mm**, Diameter: 10 mm

Y 603060 Thickness: **6.0mm**, Diameter: 10 mm

 **Powder**

Y 606030 Mean Particle size: **5-10micron**, Purity: 99.9%

Zinc Oxide/Aluminium Oxide (ZnO 98/Al₂O₃ 2)

 **Sputtering Target**

ZN609600 Thickness: **6.35mm**, Size: 51 mm

Zirconia - stabilised with Magnesia (ZrO₂/MgO)

 **Sheet**

ZR623020 Thickness: **2.15mm**, Stabilised with: 4% Magnesia, Size: 50x50 mm

ZR623040 Thickness: **4.0mm**, Stabilised with: 4% Magnesia, Size: 50x50 mm

 **Rod**

ZR627905 Diameter: **5.0mm**, Stabilised with: 4% Magnesia, Length: 50 mm to 100 mm

ZR627910 Diameter: **10.0mm**, Stabilised with: 4% Magnesia, Length: 50 mm to 100 mm

 **Powder**

ZR626010 Mean Particle size: **0.8micron**, Stabilised with: 2.8% Magnesia

Zirconia - stabilised with Yttria (ZrO₂/Y₂O₃)

 **Sheet**

ZR613051 Thickness: **0.5mm**, Stabilised with: 5% Yttria, Size: 25x25 mm

ZR613076 Thickness: **0.75mm**, Stabilised with: 5% Yttria, Size: 25x25 mm

ZR613101 Thickness: **1.0mm**, Stabilised with: 5% Yttria, Size: 25x25 mm

 **Sputtering Target**

ZR619300 Thickness: **3.0mm**, Size: 50.8 mm

Ceramics — Silicon Nitride/Aluminium Nitride/Aluminium Oxide

Ceramics



Non-Woven Fabric

ZR613710 Weight.m⁻²: **310g**, Stabilised with: 8% Yttria, Thickness: 1.1mm, Size: 150x150 mm to 450x600 mm

ZR613720 Weight.m⁻²: **600g**, Stabilised with: 8% Yttria, Thickness: 2.5mm, Size: 150x150 mm to 450x600 mm



Tube

ZR617251 Outside Diameter: **3.5mm**, Wall Thickness: 0.25mm, Inside Diameter: 3.0mm, Length: 100 mm



Powder

ZR616010 Mean Particle size: **0.1-2micron**, Stabilised with: 5.4% Yttria



Lump

ZR616100 Max. Lump size: **3mm**, Stabilised with: 3% Yttria, Condition: Nominal 2mm diameter grinding balls



Granule

ZR616300 Nominal Granule Size: **2mm**, Stabilised with: 8% Yttria



Sphere

ZR616820 Diameter: **2.0mm**

ZR616850 Diameter: **5.0mm**

Zirconia - unstabilised (ZrO₂ 99)



Powder

ZR606010 Mean Particle size: **2micron**

Polymers

Acrylonitrile/Methylacrylate copolymer (Barex® - impact modified copolymer)

Barex



Sheet

AN303200 Thickness: 2mm, Size: 60x60 mm



Granule

AN306300 Nominal Granule Size: 5mm

Cellulose (Regenerated Cellulose)

Cellophane, Rayophane



Film

AC321020 Thickness: 0.021mm, Coil width 250 mm Length : 0.5 m to 10 m

AC321030 Thickness: 0.031mm, Coil width 400 mm Length : 0.5 m to 10 m

AC321040 Thickness: 0.042mm, Size: 520x610 mm

AC321088 Thickness: 0.09 mm, Condition: Vegetable parchment, Coating: Uncoated, Coil width 600 mm, Size: 300x300 mm

AC321090 Thickness: 0.09 mm, Condition: Vegetable parchment, Condition: Silicone coated on both sides, Coil width 600 mm, Size: 300x300 mm



Fibre

AC325717 Tex Number: 16.7, Filament Diameter: 0.015mm, Number of Filaments: 60, Condition: Medium Tenacity

Cellulose Acetate (CA)

Clarifoil, Dixel, Tenite Acetate



Film

AC311025 Thickness: 0.025mm, Coil width 300 mm Length : 1 m to 20 m

AC311050 Thickness: 0.050mm, Coil width 735 mm, Size: 300x300 mm

AC311075 Thickness: 0.075mm, Coil width 610 mm, Size: 150x150 mm to 300x300 mm

AC311200 Thickness: 0.20mm, Coil width 640 mm, Size: 150x150 mm to 300x300 mm

AC311250 Thickness: 0.25mm, Coil width 610 mm, Size: 150x150 mm to 300x300 mm

AC311400 Thickness: 0.5mm, Size: 150x150 mm to 600x600 mm



Metallised Film

AC311850 Thickness: 0.05mm, Ohms/Square: 0.2, Metallised with: Aluminium, Coil width 300 mm Length : 0.5 m to 10 m

Cellulose Acetate Butyrate (CAB)

Cellidor B, Tenite Butyrate



Sheet

AC303025 Thickness: 0.25mm, Size: 250x250 mm to 500x500 mm

AC303050 Thickness: 0.5mm, Size: 250x250 mm to 500x500 mm

AC303075 Thickness: 0.762 mm, Condition: Light-control sheet, Size: 25x25 mm to 300x300 mm

AC303080 Thickness: 0.762 mm, Condition: Light-control sheet, Size: 25x25 mm to 300x300 mm

AC303100 Thickness: 1mm, Size: 250x250 mm to 500x500 mm



Tube

AC307300 Outside Diameter: 3.0mm, Wall Thickness: 0.75mm, Inside Diameter: 1.5mm, Length: 1200 mm



Granule

AC306300 Nominal Granule Size: 3mm, Colour: Natural

Cyclo-olefin copolymer (Topas®)



Granule

ET356300 Nominal Granule Size: 4mm

Ethylene-Chlorotrifluoroethylene copolymer (E-CTFE)

Halar



Film

FP331125 Thickness: 0.0125mm, Coil width 610 mm, Size: 150x150 mm to 300x300 mm

FP331250 Thickness: 0.025mm, Coil width 610 mm, Size: 150x150 mm to 300x300 mm

FP331300 Thickness: 0.125mm, Coil width 610 mm, Size: 150x150 mm to 300x300 mm

Ethylene-Tetrafluoroethylene Copolymer (ETFE)

Tefzel, Hostafion ET



Film

FP361025 Thickness: 0.025mm, Coil width 300 mm, Size: 150x150 mm to 300x300 mm

FP361125 Thickness: 0.125mm, Coil width 610 mm, Size: 150x150 mm to 300x300 mm



Mesh

FP368703 Nominal Aperture: 85µm, Monofil diameter: 80µm, Threads/cm: 60.7, Open area: 26.5%, Type: Plain weave mesh, Size: 250x250 mm to 500x500 mm

FP368705 Nominal Aperture: 300µm, Monofil diameter: 200µm, Threads/cm: 20, Open area: 36%, Type: Plain weave mesh, Size: 250x250 mm to 500x500 mm

FP368710 Nominal Aperture: 1000µm, Monofil diameter: 500µm, Threads/cm: 6.7, Open area: 44%, Type: Plain weave mesh, Size: 250x250 mm to 500x500 mm



Rod

FP367920 Diameter: 11mm, Length: 100 mm to 900 mm

FP367930 Diameter: 19mm, Length: 100 mm to 900 mm

Polymers

Fluorinated Ethylene Propylene Copolymer (FEP)

Teflon FEP, Hostafion FEP

Film

- FP341025** Thickness: **0.025mm**, Coil width 300 mm, Size: 150x150 mm to 300x300 mm
- FP341050** Thickness: **0.05mm**, Coil width 320 mm, Size: 150x150 mm to 300x300 mm
- FP341075** Thickness: **0.075mm**, Coil width 610 mm, Size: 150x150 mm to 300x300 mm
- FP341100** Thickness: **0.1mm**, Size: 150x150 mm to 250x250 mm
- FP341250** Thickness: **0.25mm**, Coil width 600 mm, Size: 150x150 mm to 300x300 mm
- FP341400** Thickness: **0.5mm**, Coil width 625 mm, Size: 150x150 mm to 300x300 mm
- FP341440** Thickness: **1.0mm**, Size: 150x150 mm to 600x600 mm
- FP341470** Thickness: **2.3mm**, Size: 150x150 mm to 300x300 mm

Sheet

- FP343300** Thickness: **3mm**, Size: 150x150 mm

Monofilament

- FP345925** Diameter: **0.28mm**

Rod

- FP347905** Diameter: **3mm**, Length: 300 mm to 900 mm
- FP347910** Diameter: **9.5mm**, Length: 300 mm to 900 mm
- FP347930** Diameter: **25mm**, Length: 100 mm to 500 mm

Hexafluoropropylene-vinylidene fluoride copolymer (FKM)

Fluorel

Sheet

- FV313051** Thickness: **0.5mm**, Colour: Green, Type: Non-conducting, Tolerance: 20%, Size: 150x150 mm
- FV313050** Thickness: **0.5mm**, Colour: Black, Type: Semi-conducting, Size: 250x250 mm to 500x500 mm
- FV313055** Thickness: **0.7mm**, Colour: Black, Type: Semi-conducting, Tolerance: 20%, Size: 150x150 mm to 300x300 mm
- FV313100** Thickness: **1.0mm**, Colour: Black, Type: Semi-conducting, Tolerance: 20%, Size: 200x200 mm to 1000x1000 mm
- FV313150** Thickness: **1.5mm**, Colour: White, Type: Non-conducting, Tolerance: 20%, Size: 150x150 mm to 300x300 mm
- FV313300** Thickness: **3.0mm**, Colour: Black, Type: Semi-conducting, Size: 150x185 mm to 300x300 mm

Sphere

- FV316820** Diameter: **3.18mm**, Colour: Black, Type: Semi-conducting

Poly L lactic acid - Biopolymer (PLLA)

Film

- ME331050** Thickness: **0.05mm**, Coil width 330 mm, Size: 150x150 mm to 300x300 mm

Granule

- ME336310** Nominal Granule Size: **5mm**

Polyacrylamide/acrylate (Hydrogel)

Aridall, Broadleaf, Hydrogel

Granule

- AC336310** Nominal Granule Size: **2.5mm**

Polyacrylonitrile (PAN)

Powder

- AN316010** Mean Particle size: **50micron**, Condition: Copolymer (99.5% AN / 0.5% MA)

Polyacrylonitrile-butadiene-styrene (ABS)

Cyclocac, Lustran, Novodur, Ronfalin

Sheet

- AB303090** Thickness: **0.85mm**, Colour: White, Size: 85x100 mm to 585x590 mm
- AB303150** Thickness: **1.5mm**, Colour: White, Size: 150x150 mm to 600x600 mm
- AB303300** Thickness: **3.0mm**, Colour: White, Size: 150x150 mm to 600x600 mm
- AB303400** Thickness: **6.0mm**, Colour: White, Size: 150x150 mm to 600x600 mm

Rod

- AB307910** Diameter: **10mm**, Colour: Natural, Length: 100 mm to 1000 mm
- AB307925** Diameter: **25mm**, Length: 100 mm to 1000 mm

Polyamide - Nylon 4, 6 (PA 4,6)

Stanyl

Film

- AM341025** Thickness: **0.025mm**, Size: 100x100 mm to 600x600 mm

Sheet

- AM343100** Thickness: **10mm**, Size: 150x150 mm to 300x300 mm

Fibre

- AM345724** Tex Number: **24**, Filament Diameter: 0.027mm, Number of Filaments: 36, Condition: High Tenacity

Rod

- AM347910** Diameter: **10mm**, Length: 100 mm to 1000 mm
- AM347925** Diameter: **50mm**, Length: 50 mm to 500 mm

Polymers

Polyamide - Nylon 6 (PA 6)

Akulon K and F, Capron, Maranyl B, Nylacast, Orgamid, Ultramid B

Film

- AM301015** Thickness: **0.015mm**, Colour: Colourless, Oriented: Uni-axially oriented, Coil width 600 mm, Size: 100x100 mm to 600x600 mm
- AM301025** Thickness: **0.025mm**, Colour: Light blue, Condition: Heat stabilised, Coil width 500 mm, Size: 100x100 mm to 300x300 mm
- AM301026** Thickness: **0.025mm**, Colour: Colourless, Oriented: Uni-axially oriented, Coil width 600 mm, Size: 100x100 mm to 600x600 mm
- AM301050** Thickness: **0.05mm**, Condition: Heat stabilised, Coil width 600 mm, Size: 100x100 mm to 600x600 mm
- AM301075** Thickness: **0.075mm**, Condition: Crystalline, Coil width 600 mm, Size: 100x100 mm to 600x600 mm
- AM301100** Thickness: **0.1mm**, Colour: Colourless, Condition: Crystalline, Size: 150x150 mm to 300x300 mm
- AM301200** Thickness: **0.2mm**, Coil width 190 mm Length : 0.5 m to 10 m
- AM301250** Thickness: **0.25mm**, Size: 150x150 mm to 200x200 mm
- AM301350** Thickness: **0.35mm**, Coil width 200 mm, Size: 100x100 mm to 200x200 mm
- AM301400** Thickness: **0.5mm**, Coil width 300 mm, Size: 300x300 mm to 600x600 mm

Sheet

- AM303010** Thickness: **1mm**, Size: 100x100 mm to 500x500 mm
- AM303020** Thickness: **2mm**, Size: 250x250 mm to 500x500 mm
- AM303050** Thickness: **5mm**, Size: 150x150 mm to 300x300 mm
- AM303100** Thickness: **10mm**, Size: 100x100 mm to 500x500 mm
- AM303300** Thickness: **10mm**, Condition: Oil-filled Nylon '6', Size: 100x100 mm to 300x300 mm

Monofilament

- AM305915** Diameter: **0.15 mm**, Condition: Nylon 6/66 copolymer
- AM305925** Diameter: **0.25 mm**, Condition: Nylon 6/66 copolymer
- AM305938** Diameter: **0.35 mm**, Condition: Nylon 6/66 copolymer
- AM305950** Diameter: **0.5 mm**, Condition: Nylon 6/66 copolymer
- AM305970** Diameter: **0.7 mm**, Condition: Nylon 6/66 copolymer
- AM305990** Diameter: **1.0 mm**, Condition: Nylon 6/66 copolymer

Rod

- AM307902** Diameter: **2mm**, Length: 1000 mm
- AM307903** Diameter: **3mm**, Length: 1000 mm
- AM307905** Diameter: **5mm**, Length: 1000 mm
- AM307907** Diameter: **6mm**, Colour: Black, Contains: 3-5% MoS₂, Length: 1000 mm
- AM307910** Diameter: **10mm**, Length: 1000 mm

- AM307913** Diameter: **10mm**, Colour: Black, Contains: 3-5% MoS₂, Length: 500 mm to 1000 mm
- AM307914** Diameter: **15mm**, Length: 1000 mm
- AM307917** Diameter: **20mm**, Length: 500 mm to 1000 mm
- AM307918** Diameter: **25mm**, Colour: Black, Contains: 3-5% MoS₂, Length: 100 mm to 1000 mm
- AM307916** Diameter: **25mm**, Length: 500 mm to 1000 mm
- AM307928** Diameter: **50mm**, Condition: Oil-filled Nylon '6', Length: 100 mm to 1000 mm
- AM307926** Diameter: **50mm**, Length: 200 mm to 500 mm
- AM307950** Diameter: **100mm**, Condition: Oil-filled Nylon '6', Length: 100 mm to 500 mm
- AM307951** Diameter: **100mm**, Length: 100 mm to 500 mm
- AM307975** Diameter: **150mm**, Condition: Oil-filled Nylon '6', Length: 50 mm to 500 mm
- AM307990** Diameter: **150mm**, Length: 50 mm to 1000 mm

Tube

- AM307006** Outside Diameter: **0.63mm**, Wall Thickness: 0.065mm, Inside Diameter: 0.5mm, Length, Length: 1 m to 20 m
- AM307013** Outside Diameter: **1.34mm**, Wall Thickness: 0.17mm, Inside Diameter: 1.0mm, Length, Length: 1 m to 20 m
- AM307027** Outside Diameter: **2.77mm**, Wall Thickness: 0.45mm, Inside Diameter: 1.87mm, Length, Length: 1 m to 20 m
- AM307030** Outside Diameter: **3.1mm**, Wall Thickness: 0.6mm, Inside Diameter: 1.9mm, Length, Length: 1 m to 20 m

Powder

- AM306010** Max. Particle size: **50micron**, Mean Particle size: 15-20micron
- AM306015** Mean Particle size: **350micron**

Granule

- AM306300** Nominal Granule Size: **3mm**
- AM306320** Nominal Granule Size: **6mm**, Colour: Natural

Polyamide - Nylon 6, 6 (PA 6,6)

Akulon S, Maranyl A, Ultramid A, Zytel

Film

- AM321025** Thickness: **0.025mm**, Coil width 995 mm, Size: 150x150 mm to 600x600 mm
- AM321050** Thickness: **0.05mm**, Coil width 995 mm, Size: 150x150 mm to 600x600 mm
- AM321250** Thickness: **0.25mm**, Coil width 100 mm, Size: 100x100 mm
- AM321400** Thickness: **0.5mm**, Coil width 200 mm, Size: 50x50 mm to 200x200 mm

Sheet

- AM323010** Thickness: **1mm**, Size: 100x100 mm to 300x300 mm
- AM323050** Thickness: **5mm**, Size: 100x100 mm to 300x300 mm
- AM323100** Thickness: **12mm**, Size: 100x100 mm to 300x300 mm

Polymers

Mesh

AM328710 Nominal Aperture: **50µm**, Monofil diameter: 39µm, Threads/cm: 110, Open area: 32%, Type: Plain weave mesh, Size: 250x250 mm to 500x500 mm

Fibre

AM325705 Tex Number: **1.3**, Filament Diameter: 0.01mm, Number of Filaments: 14, Condition: Medium Tenacity

AM325710 Tex Number: **1.7**, Filament Diameter: 0.025mm, Number of Filaments: 3, Condition: Medium Tenacity

AM325720 Tex Number: **3.3**, Filament Diameter: 0.019mm, Number of Filaments: 10, Condition: High Tenacity

AM325750 Tex Number: **15.6**, Filament Diameter: 0.023mm, Number of Filaments: 34, Condition: High Tenacity

AM325790 Tex Number: **94**, Filament Diameter: 0.0275mm, Number of Filaments: 140, Condition: High Tenacity

Rod

AM327901 Diameter: **1.6mm**, Length: 440 mm to 1200 mm

AM327903 Diameter: **3.2mm**, Length: 1000 mm

AM327905 Diameter: **5mm**, Length: 1000 mm

AM327910 Diameter: **10mm**, Length: 1000 mm

AM327915 Diameter: **25mm**, Length: 500 mm to 1000 mm

AM327925 Diameter: **50mm**, Length: 200 mm to 1000 mm

AM327950 Diameter: **100mm**, Length: 50 mm to 500 mm

Granule

AM326310 Nominal Granule Size: **3mm**

AM326315 Nominal Granule Size: **3mm**, Grade: Super-tough

AM326330 Nominal Granule Size: **8mm**, Colour: Natural

Sphere

AM326810 Diameter: **1.59mm**

AM326820 Diameter: **3.18mm**

Polyamide - Nylon 6, 6 - 30% Glass Fibre Reinforced (PA 6,6 30% GFR)

Akulon S, Maranyl A, Ultramid A, Zytel

Sheet

AM363080 Thickness: **8mm**, Colour: Black, Size: 100x100 mm to 500x500 mm

AM363200 Thickness: **20mm**, Colour: Black, Size: 100x100 mm to 220x299 mm

Rod

AM367910 Diameter: **10mm**, Colour: Black, Length: 200 mm to 1000 mm

AM367930 Diameter: **30mm**, Colour: Black, Length: 200 mm to 1000 mm

Polyamide - Nylon 6, 6 - 30% Carbon Fibre Reinforced (PA 6, 6 - 30% CFR)

Granule

AM396310 Nominal Granule Size: **3mm**, Colour: Black

Polyamide - Nylon 11 (PA 11)

Rilsan B

Rod

AM337913 Diameter: **15mm**, Colour: Black, Length: 100 mm to 1000 mm

AM337915 Diameter: **25mm**, Colour: Black, Length: 100 mm to 980 mm

AM337925 Diameter: **50mm**, Length: 50 mm to 200 mm

Polyamide - Nylon 12 (PA 12)

Rilsan A, Vestamid

Film

AM371025 Thickness: **0.25mm**, Coil width 300 mm, Size: 150x150 mm to 300x300 mm

AM371050 Thickness: **0.50mm**, Coil width 320 mm, Size: 150x150 mm to 300x300 mm

Sheet

AM373100 Thickness: **1 mm**, Condition: Machining feedstock, Size: 150x150 mm

AM373150 Thickness: **5 mm**, Condition: Machining feedstock, Size: 110x150 mm

AM373200 Thickness: **10 mm**, Condition: Machining feedstock, Size: 150x150 mm to 300x300 mm

Rod

AM377910 Diameter: **10mm**, Length: 500 mm to 1000 mm

AM377925 Diameter: **25.0mm**, Length: 500 mm to 1000 mm

Tube

AM377006 Outside Diameter: **0.63mm**, Wall Thickness: 0.065mm, Inside Diameter: 0.5mm, Length: 1 m to 20 m

Powder

AM376010 Max. Particle size: **50micron**, Mean Particle size: 25-30micron

Polyamide - Nylon 12 - 30% Glass Fibre Reinforced (PA 12 - 30% GFR)

Rod

AN327960 Diameter: **92mm**, Colour: Cream, Length: 50 mm to 200 mm

Polyamide/imide (PAI)

Kerimid, Torlon®

Sheet

AM313050 Thickness: **6.0mm**, Colour: Brown, Condition: Electrical grade, Grade: Torlon® 4203, Size: 50x50 mm to 150x150 mm

AM313100 Thickness: **9.5mm**, Colour: Brown, Condition: Electrical grade, Grade: Torlon® 4203, Size: 50x50 mm to 150x150 mm

Rod

AM317910 Diameter: **2.4mm**, Colour: Brown, Condition: Electrical grade, Grade: Torlon® 4203, Length: 500 mm to 1000 mm

AM317940 Diameter: **6.7mm**, Colour: Brown, Condition: Electrical grade, Grade: Torlon® 4203, Length: 100 mm to 1000 mm

Polymers

AM317980 Diameter: **12.7mm**, Colour: Brown, Condition: Electrical grade, Grade: Torlon® 4203, Length: 100 mm to 1000 mm

AM317990 Diameter: **25.4mm**, Colour: Brown, Condition: Electrical grade, Grade: Torlon® 4203, Length: 50 mm to 200 mm

AM317995 Diameter: **50.8mm**, Colour: Brown, Condition: Electrical grade, Grade: Torlon® 4203, Length: 25 mm to 100 mm



Sphere

AM316820 Diameter: **3.18mm**, Grade: Torlon® 4203

Polyaramid (Polyparaphenylene terephthalamide)

Kevlar, Twaron



Fabric

AR303520 Weight.m⁻²: **60g**, Ends x Picks/10cm: 134x134, Warp Yarn: 22Tex, Weft Yarn: 22Tex, Weave: Plain, Thickness: 0.1mm, Coil width 1270 mm Length : 0.5 m to 1 m

AR303550 Weight.m⁻²: **175g**, Ends x Picks/10cm: 67x67, Warp Yarn: 127Tex, Weft Yarn: 127Tex, Weave: Plain, Thickness: 0.25mm, Coil width 1000 mm Length : 0.5 m to 2 m

AR303561 Weight.m⁻²: **218g**, Ends x Picks/10cm: 67x67, Warp Yarn: 158Tex, Weft Yarn: 158Tex, Weave: Plain, Thickness: 0.3mm, Coil width 1000 mm Length : 0.5 m to 2 m

AR303562 Weight.m⁻²: **220g**, Ends x Picks/10cm: 65x65, Warp Yarn: 162Tex, Weft Yarn: 162Tex, Weave: Plain, Thickness: 0.3mm, Coil width 1200 mm Length : 0.5 m to 2 m



Fibre

AR305722 Tex Number: **22**, Filament Diameter: 0.017mm, Number of Filaments: 70, Type: Kevlar 29®

AR305745 Tex Number: **44**, Filament Diameter: 0.012mm, Number of Filaments: 267, Type: Kevlar 29®

AR305744 Tex Number: **44**, Filament Diameter: 0.018mm, Number of Filaments: 120, Type: Kevlar 29®

AR305768 Tex Number: **161**, Filament Diameter: 0.012mm, Number of Filaments: 1000, Type: Twaron® 2200

AR305767 Tex Number: **167**, Filament Diameter: 0.012mm, Number of Filaments: 1000, Type: Kevlar 29®

AR305779 Tex Number: **790**, Filament Diameter: 0.012mm, Number of Filaments: 5000, Type: Kevlar 49®

AR305783 Tex Number: **830**, Cord diameter: 0.8mm, Condition: Braided Cord

AR305762 Tex Number: **6250**, Cord diameter: 3mm, Condition: Braided Cord

Polyaramid (Polymetaphenylene isophthalamide)

Nomex



Film

AR311050 Thickness: **0.05mm**, Type: T410, Condition: Calendered paper, Coil width 915 mm, Size: 150x150 mm to 300x300 mm

AR311310 Thickness: **0.13mm**, Type: T418, Condition: Contains 50% mica by weight, Coil width 30 mm Length : 1 m to 10 m

AR311300 Thickness: **0.13mm**, Type: T411, Condition: Uncalendered paper, Coil width 33 mm Length : 1 m to 10 m

AR311250 Thickness: **0.25mm**, Type: T410, Condition: Calendered paper, Coil width 93 mm Length : 0.5 m to 2 m

AR311360 Thickness: **0.36mm**, Type: T418, Condition: Contains 50% mica by weight, Size: 150x150 mm to 300x300 mm

AR311380 Thickness: **0.38mm**, Type: T411, Condition: Uncalendered paper, Coil width 55 mm Length : 1 m to 50 m

AR311381 Thickness: **0.38mm**, Type: T411, Condition: Uncalendered paper, Coil width 965 mm Length : 0.5 m to 5 m

AR311450 Thickness: **0.76mm**, Type: T410, Condition: Calendered paper, Coil width 63.5 mm Length : 0.5 m to 5 m



Honeycomb

AR312610 Thickness: **5mm**, Cell size: 3mm, Adhesive (Resin): Phenolic, Core Density: 0.048g.cm⁻³, Cell Wall: 0.05mm, Size: 300x300 mm to 600x600 mm

AR312710 Thickness: **5mm**, Cell size: 5mm, Adhesive (Resin): Phenolic, Core Density: 0.032g.cm⁻³, Cell Wall: 0.05mm, Size: 300x300 mm to 600x600 mm

AR312715 Thickness: **5mm**, Cell size: 5mm, Adhesive (Resin): Phenolic, Core Density: 0.064g.cm⁻³, Cell Wall: Approx. 0.09mm, Size: 300x300 mm to 600x600 mm

AR312810 Thickness: **5mm**, Cell size: 6mm, Adhesive (Resin): Phenolic, Core Density: 0.024g.cm⁻³, Cell Wall: 0.05mm, Size: 300x300 mm to 600x600 mm

AR312620 Thickness: **10mm**, Cell size: 3mm, Adhesive (Resin): Phenolic, Core Density: 0.048g.cm⁻³, Cell Wall: 0.05mm, Size: 300x300 mm to 600x600 mm

AR312720 Thickness: **10mm**, Cell size: 5mm, Adhesive (Resin): Phenolic, Core Density: 0.032g.cm⁻³, Cell Wall: 0.05mm, Size: 300x300 mm to 600x600 mm

AR312725 Thickness: **10mm**, Cell size: 5mm, Adhesive (Resin): Phenolic, Core Density: 0.064g.cm⁻³, Cell Wall: Approx. 0.09mm, Size: 300x300 mm to 600x600 mm

AR312820 Thickness: **10mm**, Cell size: 6mm, Adhesive (Resin): Phenolic, Core Density: 0.024g.cm⁻³, Cell Wall: 0.05mm, Size: 300x300 mm to 600x600 mm

AR312650 Thickness: **20mm**, Cell size: 3mm, Adhesive (Resin): Phenolic, Core Density: 0.048g.cm⁻³, Cell Wall: 0.05mm, Size: 300x300 mm to 600x600 mm

AR312750 Thickness: **20mm**, Cell size: 5mm, Adhesive (Resin): Phenolic, Core Density: 0g.cm⁻³, Cell Wall: 0.05mm, Size: 300x300 mm

AR312755 Thickness: **20mm**, Cell size: 5mm, Adhesive (Resin): Phenolic, Core Density: 0.064g.cm⁻³, Cell Wall: Approx. 0.09mm, Size: 300x300 mm

AR312850 Thickness: **20mm**, Cell size: 6mm, Adhesive (Resin): Phenolic, Core Density: 0.024g.cm⁻³, Cell Wall: 0.05mm, Size: 300x300 mm to 600x600 mm



Sheet

AR313110 Thickness: **1.0mm**, Condition: Pressboard, Type: T994 - High density Pressboard, Size: 150x150 mm to 300x300 mm

Polymers

AR313100 Thickness: **1.0mm**, Condition: Pressboard, Type: T993 - Medium density Pressboard, Size: 100x100 mm to 500x500 mm

AR313150 Thickness: **1.5mm**, Condition: Pressboard, Type: T992 - Low density Pressboard, Size: 100x100 mm to 500x500 mm

AR313310 Thickness: **3.0mm**, Condition: Pressboard, Type: T994 - High density Pressboard, Size: 150x150 mm to 300x300 mm

AR313300 Thickness: **3.0mm**, Condition: Pressboard, Type: T993 - Medium density Pressboard, Size: 140x150 mm to 300x300 mm

AR313450 Thickness: **9.6mm**, Condition: Pressboard, Type: T994 - High density Pressboard, Size: 150x150 mm to 300x300 mm



Fibre

AR315722 Tex Number: **22**, Filament Diameter: 0.01mm, Number of Filaments: 100



Chopped Fibre

AR316575 Nominal Diameter: **0.012mm**, Fibre length: 75mm

Polybenzimidazole (PBI)

Celazole



Sheet

BI303130 Thickness: **12mm**, Colour: Black, Size: 25x25 mm to 100x100 mm



Rod

BI307910 Diameter: **9.5mm**, Colour: Black, Length: 25 mm to 100 mm

BI307915 Diameter: **12.7mm**, Colour: Black, Length: 25 mm to 100 mm

BI307925 Diameter: **25mm**, Colour: Black, Length: 10 mm to 50 mm

BI307938 Diameter: **38mm**, Colour: Black, Length: 10 mm to 50 mm

BI307940 Diameter: **41mm**, Colour: Black, Length: 23 mm

Polybutylene terephthalate (PBT)

Celanex, Orgater, Valox



Film

ES341025 Thickness: **0.3mm**, Size: 150x150 mm to 300x300 mm

ES341050 Thickness: **0.55mm**, Coil width 300 mm, Size: 150x150 mm to 300x300 mm



Sheet

ES343150 Thickness: **2.0mm**, Size: 60x60 mm

ES343200 Thickness: **9.5mm**, Size: 150x150 mm to 300x300 mm



Monofilament

ES345910 Diameter: **0.18mm**

ES345930 Diameter: **0.8mm**



Rod

ES347910 Diameter: **6.35mm**, Length: 500 mm to 1000 mm

ES347920 Diameter: **12.7mm**, Length: 500 mm to 1000 mm

ES347925 Diameter: **25.4mm**, Length: 200 mm to 1000 mm



Granule

ES346310 Nominal Granule Size: **5mm**

Polybutylene terephthalate - 30% Glass Fibre Reinforced (PBT 30% GFR)

Celanex, Orgater, Valox



Rod

ES357920 Diameter: **2.0 mm**, Condition: Machining feedstock, Length: 100 mm to 1000 mm

ES357930 Diameter: **3.0 mm**, Condition: Machining feedstock, Length: 100 mm to 1000 mm

Polycarbonate (PC)

Lexan, Makrofol, Makrolon



Film

CT301025 Thickness: **0.002mm**, Grade - Makrofol KG[®]: monoaxially oriented & crystallised, Size: 210x290 mm

CT301020 Thickness: **0.002mm**, Coil width 465 mm, Size: 150x150 mm to 300x300 mm

CT301030 Thickness: **0.003mm**, Grade - Makrofol KG[®]: monoaxially oriented & crystallised, Size: 100x100 mm to 300x300 mm

CT301060 Thickness: **0.006mm**, Coil width 300 mm, Size: 150x150 mm to 300x300 mm

CT301210 Thickness: **0.02mm**, Colour: Yellow, Grade - Makrofol N[®]: cast isotropic, Coil width 600 mm, Size: 100x100 mm to 600x600 mm

CT301260 Thickness: **0.06mm**, Colour: Pale yellow/green, Grade - Makrofol KG[®]: monoaxially oriented & crystallised, Coil width 950 mm, Size: 100x100 mm to 600x600 mm

CT301305 Thickness: **0.125mm**, Grade - DE 1: extruded isotropic, Coil width 610 mm, Size: 100x100 mm to 600x600 mm

CT301310 Thickness: **0.175mm**, Grade - DE 1: extruded isotropic, Size: 150x150 mm to 600x600 mm

CT301326 Thickness: **0.25mm**, Colour: White, Coil width 600 mm, Size: 150x150 mm to 300x300 mm

CT301325 Thickness: **0.25mm**, Size: 100x100 mm to 600x600 mm

CT301350 Thickness: **0.5mm**, Size: 100x100 mm to 600x600 mm

CT301351 Thickness: **0.5mm**, Colour: White, Coil width 600 mm, Size: 150x150 mm to 300x300 mm



Metallised Film

CT301820 Thickness: **0.002mm**, Ohms/Square: 4, Metallised with: Aluminium, Coil width 160 mm, Size: 100x100 mm to 160x300 mm



Sheet

CT303050 Thickness: **1.0mm**, Size: 150x150 mm to 600x600 mm

CT303100 Thickness: **2.0mm**, Size: 150x150 mm to 500x500 mm

CT303150 Thickness: **5.0mm**, Size: 150x150 mm to 500x500 mm

CT303350 Thickness: **10.0mm**, Size: 112x122 mm to 300x300 mm

CT303400 Thickness: **12.0mm**, Size: 150x150 mm to 300x300 mm

Polymers

CT303451 Thickness: **25mm**, Size: 150x150 mm to 300x300 mm

CT303450 Thickness: **25mm**, Condition: Machining feedstock, Size: 150x150 mm to 300x300 mm



Rod

CT307903 Diameter: **3mm**, Condition: Machining feedstock, Length: 100 mm to 450 mm

CT307906 Diameter: **6mm**, Condition: Machining feedstock, Length: 100 mm to 1000 mm

CT307910 Diameter: **10mm**, Condition: Machining feedstock, Length: 100 mm to 1000 mm

CT307925 Diameter: **25mm**, Condition: Machining feedstock, Length: 100 mm to 1000 mm

CT307950 Diameter: **50mm**, Condition: Machining feedstock, Length: 100 mm to 1000 mm

CT307980 Diameter: **100mm**, Condition: Machining feedstock, Length: 50 mm to 500 mm

CT307990 Diameter: **150mm**, Condition: Machining feedstock, Length: 50 mm to 500 mm



Tube

CT307400 Outside Diameter: **9.5mm**, Wall Thickness: 1.5mm, Inside Diameter: 6.5mm, Length: 500 mm to 1000 mm



Granule

CT306310 Nominal Granule Size: **3mm**, Additives: Heat stabiliser only

Polycarbonate - 30% Carbon Fibre Reinforced (PC - 30% CFR)



Granule

CT356310 Nominal Granule Size: **3mm**, Colour: Black

Polycarbonate - 30% Glass Fibre Filled (PC - 30% GFR)



Rod

CT337920 Diameter: **20mm**, Length: 100 mm to 1000 mm

Polycarbonate - Conductive (PC)

Makrofol, Pokalon C



Film

CT311014 Thickness: **0.014mm**, Size: 150x150 mm

Polychlorotrifluoroethylene (PCTFE)

Kel-F, Neoflon



Sheet

FP353010 Thickness: **1.2mm**, Size: 150x150 mm to 300x300 mm



Rod

FP357905 Diameter: **1.6mm**, Length: 900 mm

FP357910 Diameter: **3.2mm**, Length: 900 mm

FP357920 Diameter: **4.8mm**, Length: 300 mm to 900 mm

FP357930 Diameter: **6.35mm**, Length: 300 mm to 900 mm

FP357940 Diameter: **9.5mm**, Length: 300 mm to 900 mm

FP357950 Diameter: **12.7mm**, Length: 300 mm to 900 mm

FP357960 Diameter: **25.4mm**, Length: 150 mm to 300 mm

Polyetheretherketone (PEEK)

Victrex, Zyxex



Film

EK301006 Thickness: **0.006mm**, Colour: Transparent pale amber, Condition: Amorphous, Coil width 600 mm, Size: 150x150 mm to 300x300 mm

EK301012 Thickness: **0.012mm**, Colour: Transparent pale amber, Condition: Amorphous, Size: 150x150 mm to 300x300 mm

EK301025 Thickness: **0.025mm**, Colour: Transparent pale amber, Condition: Amorphous, Coil width 600 mm, Size: 150x150 mm to 300x300 mm

EK301038 Thickness: **0.038mm**, Colour: Transparent pale amber, Condition: Amorphous, Coil width 650 mm, Size: 150x150 mm to 300x300 mm

EK301050 Thickness: **0.05mm**, Colour: Transparent pale amber, Condition: Amorphous, Coil width 600 mm, Size: 150x150 mm to 300x300 mm

EK301075 Thickness: **0.075mm**, Colour: Transparent pale amber, Condition: Amorphous, Coil width 610 mm, Size: 150x150 mm to 300x300 mm

EK301100 Thickness: **0.1mm**, Colour: Transparent pale amber, Condition: Amorphous, Coil width 600 mm, Size: 150x150 mm to 300x300 mm

EK301125 Thickness: **0.125mm**, Colour: Transparent pale amber, Condition: Amorphous, Coil width 710 mm, Size: 150x150 mm to 300x300 mm

EK301250 Thickness: **0.25mm**, Colour: Transparent pale amber, Condition: Amorphous, Coil width 650 mm, Size: 100x100 mm to 300x300 mm

EK301400 Thickness: **0.50mm**, Colour: Opaque grey, Condition: Semi-crystalline, Coil width 420 mm, Size: 100x100 mm to 300x300 mm



Sheet

EK303010 Thickness: **1.0mm**, Colour: Opaque grey, Condition: Semi-crystalline, Size: 150x150 mm to 450x600 mm

EK303400 Thickness: **4.0mm**, Condition: Semi-crystalline, Size: 150x150 mm

EK303450 Thickness: **5.5mm**, Condition: Semi-crystalline, Size: 150x150 mm



Mesh

EK308703 Nominal Aperture: **280µm**, Monofil diameter: 120µm, Threads/cm: 25, Open area: 49%, Type: Plain weave mesh, Size: 300x300 mm to 600x600 mm

EK308705 Nominal Aperture: **450µm**, Monofil diameter: 200µm, Threads/cm: 13.5, Open area: 48%, Type: Plain weave mesh, Size: 250x250 mm to 500x500 mm

Polymers — Polycarbonate - 30% Carbon Fibre Reinforced

Polymers

EK308710 Nominal Aperture: **1100µm**, Monofil diameter: 400µm, Threads/cm: 6.3, Open area: 54%, Type: Plain weave mesh, Size: 250x250 mm to 500x500 mm



Fibre

EK305723 Tex Number: **23**, Filament Diameter: 0.034mm, Number of Filaments: 30



Monofilament

EK305915 Diameter: **0.15 mm**, Condition: Type C, pigmented

EK305920 Diameter: **0.2mm**, Condition: Type A

EK305945 Diameter: **0.45 mm**, Condition: Type C, additive free

EK305990 Diameter: **0.9mm**, Condition: Type A

EK305995 Diameter: **1.2mm**, Condition: Type B



Rod

EK307910 Diameter: **10mm**, Colour: Opaque grey, Condition: Semi-crystalline, Length: 100 mm to 1000 mm

EK307925 Diameter: **25mm**, Colour: Opaque grey, Condition: Semi-crystalline, Length: 100 mm to 1000 mm

EK307950 Diameter: **50mm**, Colour: Opaque grey, Condition: Semi-crystalline, Length: 50 mm to 200 mm

EK307980 Diameter: **100mm**, Colour: Opaque grey, Condition: Semi-crystalline, Length: 50 mm to 200 mm



Tube

EK307115 Outside Diameter: **1.15mm**, Wall Thickness: 0.175mm, Colour: Transparent pale amber, Inside Diameter: 0.8mm, Condition: Amorphous, Length: 200 mm to 1000 mm

EK307160 Outside Diameter: **1.6mm**, Wall Thickness: 0.675mm, Colour: Opaque grey, Inside Diameter: 0.25mm, Condition: Semi-crystalline, Length: 200 mm to 1000 mm

EK307165 Outside Diameter: **1.6mm**, Wall Thickness: 0.3mm, Colour: Opaque grey, Inside Diameter: 1mm, Condition: Semi-crystalline, Length: 200 mm to 1000 mm

EK307170 Outside Diameter: **1.6mm**, Wall Thickness: 0.1mm, Colour: Transparent pale amber, Inside Diameter: 1.4mm, Condition: Amorphous, Length: 200 mm to 1000 mm

EK307200 Outside Diameter: **3.2mm**, Wall Thickness: 0.6mm, Colour: Opaque grey, Inside Diameter: 2mm, Condition: Semi-crystalline, Length: 200 mm to 1000 mm

EK307225 Outside Diameter: **3.9mm**, Wall Thickness: 0.5mm, Colour: Opaque grey, Inside Diameter: 2.9mm, Length: 500 mm to 1000 mm

EK307235 Outside Diameter: **4.6mm**, Wall Thickness: 0.4mm, Colour: Opaque grey, Inside Diameter: 3.8mm, Length: 500 mm to 1000 mm



Powder

EK306010 Mean Particle size: **80micron**



Granule

EK306300 Nominal Granule Size: **6mm**

EK306301 Nominal Granule Size: **6mm**, Condition: High viscosity

EK306302 Nominal Granule Size: **6mm**, Condition: Medium viscosity, Condition: Lubricated grade

Polyetherimide (PEI)

Ultem



Film

EI311025 Thickness: **0.025mm**, Colour: Clear amber, Coil width 610 mm, Size: 150x150 mm to 600x600 mm

EI311050 Thickness: **0.05mm**, Colour: Clear amber, Size: 150x150 mm to 600x600 mm

EI311250 Thickness: **0.25mm**, Colour: Clear amber, Coil width 660 mm, Size: 150x150 mm to 300x300 mm

EI311350 Thickness: **0.50mm**, Colour: Clear amber, Coil width 665 mm, Size: 150x150 mm to 600x600 mm



Sheet

EI313020 Thickness: **1.6mm**, Colour: Clear amber, Size: 150x150 mm to 600x600 mm

EI313040 Thickness: **3.6mm**, Colour: Black, Size: 155x155 mm

EI313060 Thickness: **6.4mm**, Colour: Clear amber, Size: 100x100 mm to 300x600 mm



Rod

EI317906 Diameter: **6.4mm**, Colour: Clear amber, Length: 100 mm to 1000 mm

EI317912 Diameter: **12.7mm**, Colour: Clear amber, Length: 100 mm to 1000 mm

EI317925 Diameter: **25mm**, Colour: Clear amber, Length: 100 mm to 1000 mm



Tube

EI317200 Outside Diameter: **2.3mm**, Wall Thickness: 0.7mm, Colour: Clear amber, Inside Diameter: 0.9mm, Length: 1 m to 20 m



Granule

EI316300 Nominal Granule Size: **3mm**, Colour: Natural

Polyethersulphone (PES)

Ultrason E, Victrex



Film

SU301025 Thickness: **0.025mm**, Colour: Clear amber, Coil width 600 mm, Size: 150x150 mm to 300x300 mm

SU301050 Thickness: **0.05mm**, Colour: Clear amber, Coil width 550 mm, Size: 210x300 mm

SU301100 Thickness: **0.1mm**, Colour: Clear amber, Coil width 530 mm Length : 0.2 m to 2 m

SU301125 Thickness: **0.125mm**, Colour: Clear amber, Coil width 570 mm Length : 0.2 m to 1 m

SU301250 Thickness: **0.25mm**, Colour: Clear amber, Coil width 374 mm, Size: 100x100 mm to 300x300 mm

SU301300 Thickness: **0.50mm**, Colour: Clear amber, Coil width 670 mm, Size: 150x150 mm to 300x300 mm



Sheet

SU303300 Thickness: **3.175mm**, Colour: Clear amber, Size: 150x150 mm to 300x300 mm

SU303350 Thickness: **6.35mm**, Colour: Clear amber, Size: 150x150 mm to 300x300 mm

Polymers

SU303400 Thickness: **10.0mm**, Colour: Clear amber, Size: 150x150 mm to 300x300 mm

SU303450 Thickness: **25.4mm**, Colour: Clear amber, Size: 150x150 mm to 300x300 mm



Rod

SU307920 Diameter: **20mm**, Colour: Clear amber, Length: 100 mm to 1000 mm

SU307950 Diameter: **50mm**, Colour: Clear amber, Length: 50 mm to 500 mm

SU307980 Diameter: **100mm**, Colour: Clear amber, Length: 25 mm to 100 mm



Granule

SU306300 Nominal Granule Size: **3mm**, Colour: Black

SU306310 Nominal Granule Size: **3mm**, Colour: Clear amber, Condition: High viscosity

SU306311 Nominal Granule Size: **3mm**, Colour: Clear amber, Condition: Medium viscosity

Polyethylene - Carbon filled (PE)



Film

ET331080 Thickness: **0.08mm**, Condition: Conductive polymer, Coil width 800 mm, Size: 100x100 mm to 500x500 mm

Polyethylene - High density (HDPE)

Hostalen HD, Lacqtene HD, Lupolen, Rigidex, Stamylen HD



Film

ET321010 Thickness: **0.01mm**, Coil width 600 mm, Size: 100x100 mm to 600x600 mm



Sheet

ET323100 Thickness: **1mm**, Size: 150x150 mm to 500x500 mm

ET323200 Thickness: **2mm**, Size: 150x150 mm to 300x300 mm

ET323250 Thickness: **3mm**, Size: 150x150 mm to 300x300 mm

ET323280 Thickness: **5mm**, Size: 150x150 mm to 300x300 mm

ET323300 Thickness: **10mm**, Size: 150x150 mm to 300x300 mm

ET323320 Thickness: **12mm**, Size: 150x150 mm to 300x300 mm

ET323340 Thickness: **15mm**, Size: 150x150 mm to 300x300 mm

ET323360 Thickness: **20mm**, Size: 150x150 mm to 300x300 mm

ET323380 Thickness: **25mm**, Size: 150x150 mm to 300x300 mm



Rod

ET327910 Diameter: **10mm**, Length: 100 mm to 1000 mm

ET327925 Diameter: **25mm**, Length: 100 mm to 1000 mm

ET327950 Diameter: **50mm**, Length: 100 mm to 1000 mm

ET327980 Diameter: **100mm**, Length: 100 mm to 1000 mm

ET327990 Diameter: **150mm**, Length: 50 mm to 1000 mm



Tube

ET327450 Outside Diameter: **48mm**, Wall Thickness: 1.1mm, Colour: Yellow, Inside Diameter: 45.8mm, Condition: Biaxially Oriented tube, Length: 100 mm to 500 mm

ET327630 Outside Diameter: **63mm**, Wall Thickness: 3mm, Colour: Yellow, Inside Diameter: 57mm, Condition: Biaxially Oriented tube, Length: 100 mm to 500 mm



Granule

ET326300 Nominal Granule Size: **3mm**, Colour: Natural, Melt Flow Rate (MFR): 0.3

ET326310 Nominal Granule Size: **5mm**

ET326320 Nominal Granule Size: **5mm**

Polyethylene - Low Density (LDPE)

Alkathene, Carlona, Lacqtene, Lupolen, Stamylen LD



Film

ET311115 Thickness: **0.015mm**, Coil width 500 mm, Size: 150x150 mm to 500x500 mm

ET311126 Thickness: **0.025mm**, Coil width 600 mm Length : 0.5 m to 10 m

ET311130 Thickness: **0.03mm**, Coil width 900 mm, Size: 150x150 mm to 600x900 mm

ET311150 Thickness: **0.05mm**, Size: 150x150 mm to 300x300 mm

ET311151 Thickness: **0.05mm**, Condition: Additive free polymer, Coil width 600 mm, Size: 150x150 mm to 300x300 mm

ET311201 Thickness: **0.1mm**, Condition: Additive free polymer, Coil width 600 mm, Size: 150x150 mm to 300x300 mm

ET311250 Thickness: **0.125mm**, Size: 150x150 mm to 300x300 mm

ET311251 Thickness: **0.15mm**, Condition: Additive free polymer, Coil width 600 mm Length : 0.5 m to 10 m

ET311301 Thickness: **0.18mm**, Condition: Additive free polymer, Coil width 600 mm, Size: 150x150 mm to 300x300 mm

ET311300 Thickness: **0.2mm**, Size: 150x150 mm to 300x300 mm

ET311351 Thickness: **0.23mm**, Condition: Additive free polymer, Coil width 600 mm, Size: 150x150 mm to 300x300 mm

ET311350 Thickness: **0.25mm**, Size: 100x100 mm to 300x300 mm

ET311452 Thickness: **0.5mm**, Colour: Colourless, Coil width 920 mm, Size: 150x150 mm to 900x900 mm



Sheet

ET313010 Thickness: **1.0mm**, Size: 150x150 mm to 600x600 mm

ET313023 Thickness: **2.3mm**, Condition: Stress relieved, Size: 150x150 mm to 600x600 mm

ET313048 Thickness: **4.8mm**, Condition: Stress relieved, Size: 150x150 mm to 600x600 mm



Fibre

ET315710 Tex Number: **110**, Filament Diameter: 0.044mm, Number of Filaments: 90, Condition: Multi-filament Yarn, Condition: Textile grade



Rod

ET317910 Diameter: **6.35mm**, Colour: Natural, Length: 100 mm to 1000 mm

ET317920 Diameter: **12.7mm**, Colour: Natural, Length: 100 mm to 1000 mm

Polymers

- ET317940** Diameter: **25.4mm**, Colour: Natural, Length: 100 mm to 1000 mm
- ET317960** Diameter: **50.8mm**, Colour: Natural, Length: 100 mm to 1000 mm
- ET317970** Diameter: **76.2mm**, Colour: Natural, Length: 100 mm to 500 mm
- ET317990** Diameter: **101.6mm**, Colour: Natural, Length: 50 mm to 200 mm
- ET317992** Diameter: **114mm**, Colour: Natural, Length: 50 mm to 200 mm
- ET317995** Diameter: **203.2mm**, Colour: Natural, Length: 50 mm to 100 mm
- ET317998** Diameter: **254mm**, Colour: Natural, Length: 50 mm to 100 mm



Tube

- ET317100** Outside Diameter: **1.1mm**, Wall Thickness: 0.35mm, Inside Diameter: 0.4mm, Length: 1 m to 20 m
- ET317150** Outside Diameter: **1.5mm**, Wall Thickness: 0.3mm, Inside Diameter: 0.9mm, Length: 1 m to 20 m
- ET317240** Outside Diameter: **2.4mm**, Wall Thickness: 0.35mm, Inside Diameter: 1.7mm, Length: 1 m to 20 m
- ET317640** Outside Diameter: **6.4mm**, Wall Thickness: 1.1mm, Inside Diameter: 4.2mm, Length: 1 m to 20 m
- ET317690** Outside Diameter: **12.7mm**, Wall Thickness: 1.6mm, Inside Diameter: 9.5mm, Length: 1 m to 20 m



Powder

- ET316050** Mean Particle size: **1000micron**



Granule

- ET316300** Nominal Granule Size: **5mm**
- ET316310** Nominal Granule Size: **5mm**

Polyethylene - U.H.M.W. (UHMW PE)

Hostalen GUR, Stamylen UH



Film

- ET301075** Thickness: **0.075mm**, Coil width 610 mm, Size: 150x150 mm to 300x300 mm
- ET301200** Thickness: **0.2mm**, Coil width 610 mm, Size: 150x150 mm to 300x300 mm
- ET301400** Thickness: **0.5mm**, Coil width 610 mm, Size: 150x150 mm to 300x300 mm



Sheet

- ET303060** Thickness: **1.2mm**, Size: 150x150 mm to 300x300 mm
- ET303100** Thickness: **2.0mm**, Size: 100x100 mm to 500x500 mm
- ET303130** Thickness: **3.15mm**, Size: 100x100 mm to 500x500 mm
- ET303250** Thickness: **5.0mm**, Size: 100x100 mm to 300x300 mm
- ET303400** Thickness: **10.0mm**, Size: 100x100 mm to 300x300 mm
- ET303450** Thickness: **25.0mm**, Size: 150x150 mm to 300x300 mm



Fabric

- ET303510** Weight.m⁻²: **88g**, Ends x Picks/10cm: 177x177, Warp Yarn: 24Tex, Weft Yarn: 24Tex, Weave: Plain, Thickness: 0.15mm, Condition: Woven from Spectra[®] 1000., Size: 300x300 mm
- ET303530** Weight.m⁻²: **95g**, Ends x Picks/10cm: 67x67, Warp Yarn: 133Tex, Weft Yarn: 133Tex, Weave: Plain, Thickness: 0.28mm, Size: 150x150 mm to 1000x1250 mm
- ET303540** Weight.m⁻²: **186g**, Ends x Picks/10cm: 126x126, Warp Yarn: 72Tex, Weft Yarn: 72Tex, Weave: 4-end Satin, Thickness: 0.38mm, Size: 150x150 mm to 300x300 mm
- ET303560** Weight.m⁻²: **186g**, Ends x Picks/10cm: 67x67, Warp Yarn: 133Tex, Weft Yarn: 133Tex, Weave: Plain, Thickness: 0.45mm, Size: 150x150 mm to 300x300 mm
- ET303580** Weight.m⁻²: **248g**, Ends x Picks/10cm: 83x91, Warp Yarn: 133Tex, Weft Yarn: 133Tex, Weave: 8 end Satin, Thickness: 0.45mm, Size: 150x150 mm to 1000x1000 mm



Fibre

- ET305711** Tex Number: **145**, Filament Diameter: 0.012mm, Number of Filaments: 1300, Condition: Multi-filament Yarn
- ET305710** Tex Number: **176**, Filament Diameter: 0.012mm, Number of Filaments: 1600, Condition: Multi-filament Yarn
- ET305720** Tex Number: **1670**, Cord diameter: 1.5mm, Condition: Braided Cord
- ET305740** Tex Number: **26720**, Cord diameter: 6mm, Condition: Braided Cord, Condition: Supplied with a Polyester overbraid



Rod

- ET307930** Diameter: **6.35mm**, Condition: Machined, Length: 100 mm to 1000 mm
- ET307970** Diameter: **9.52mm**, Condition: Machined, Length: 100 mm to 1000 mm
- ET307990** Diameter: **15.87mm**, Condition: Machined, Length: 100 mm to 1000 mm
- ET307992** Diameter: **25mm**, Length: 100 mm to 1000 mm
- ET307994** Diameter: **50mm**, Length: 100 mm to 1000 mm
- ET307996** Diameter: **100mm**, Length: 100 mm to 200 mm
- ET307999** Diameter: **152.4mm**, Length: 50 mm to 200 mm



Powder

- ET306010** Mean Particle size: **150micron**



Granule

- ET306300** Nominal Granule Size: **2mm**, Colour: Natural, Condition: Injection moulding grade

Polyethylene naphthalate (PEN)

Kaladex, Kalidar



Film

- ES361010** Thickness: **0.0013mm**, Condition: Biaxially Oriented, Coil width 315 mm, Size: 150x150 mm to 300x300 mm
- ES361015** Thickness: **0.012mm**, Condition: Biaxially Oriented, Coil width 630 mm, Size: 150x150 mm to 300x300 mm
- ES361025** Thickness: **0.025mm**, Condition: Biaxially Oriented, Coil width 225 mm, Size: 225x300 mm

Polymers

ES361050 Thickness: **0.05 mm**, Condition: Biaxially Oriented, Coil width 620 mm, Size: 150x150 mm to 300x300 mm

ES361075 Thickness: **0.075 mm**, Condition: Biaxially Oriented, Coil width 680 mm, Size: 150x150 mm to 300x300 mm

ES361090 Thickness: **0.125 mm**, Condition: Biaxially Oriented, Coil width 300 mm, Size: 150x150 mm to 300x300 mm



Laminate

ES361620 Thickness: **0.047mm**, Polymer Thickness: 0.012mm, Backing Material: 0.018mm Copper, Adhesive: Polyurethane, Coil width 500 mm, Size: 250x250 mm to 500x500 mm

ES361621 Thickness: **0.050mm**, Polymer Thickness: 0.012 mm, Backing Material: 0.025mm Aluminium, Adhesive: Epoxy, Coil width 500 mm, Size: 250x250 mm to 500x500 mm



Rod

ES367940 Diameter: **18mm**, Colour: Black, Length: 100 mm to 1000 mm

ES367950 Diameter: **25mm**, Colour: Black, Length: 50 mm to 500 mm



Granule

ES366300 Nominal Granule Size: **5mm**, Condition: Additive free polymer

Polyethylene terephthalate (Polyester, PET, PETP)

Arnite, Dacron, Hostaphan, Impet, Melinar, Melinex, Mylar, Rynite, Terylene, Trevira



Film

ES301005 Thickness: **0.0005 mm**, Condition: Biaxially Oriented, Coil width 315 mm Length : 0.1 m to 5 m

ES301007 Thickness: **0.0007 mm**, Condition: Biaxially Oriented, Coil width 315 mm Length : 0.1 m to 5 m

ES301009 Thickness: **0.0009 mm**, Condition: Biaxially Oriented, Coil width 315 mm Length : 0.1 m to 5 m

ES301015 Thickness: **0.0015 mm**, Condition: Biaxially Oriented, Coil width 297 mm Length : 0.5 m to 5 m

ES301025 Thickness: **0.0025 mm**, Condition: Biaxially Oriented, Coil width 315 mm Length : 0.5 m to 5 m

ES301030 Thickness: **0.003 mm**, Condition: Biaxially Oriented, Coil width 300 mm Length : 0.5 m to 5 m

ES301035 Thickness: **0.0035 mm**, Condition: Biaxially Oriented, Coil width 490 mm Length : 0.5 m to 5 m

ES301061 Thickness: **0.006 mm**, Condition: Biaxially Oriented, Coil width 315 mm Length : 0.5 m to 20 m

ES301130 Thickness: **0.013 mm**, Condition: Biaxially Oriented, Coil width 300 mm Length : 0.5 m to 20 m

ES301230 Thickness: **0.023 mm**, Condition: Biaxially Oriented, Coil width 300 mm Length : 0.5 m to 20 m

ES301250 Thickness: **0.05 mm**, Condition: Biaxially Oriented, Coil width 600 mm, Size: 150x150 mm to 600x600 mm

ES301300 Thickness: **0.075 mm**, Condition: Biaxially Oriented, Coil width 600 mm, Size: 150x150 mm to 600x600 mm

ES301401 Thickness: **0.1mm**, Colour: Black, Condition: Biaxially Oriented, Size: 210x297 mm

ES301400 Thickness: **0.1mm**, Condition: Biaxially Oriented, Coil width 600 mm Length : 0.5 m to 10 m

ES301425 Thickness: **0.125 mm**, Condition: Biaxially Oriented, Coil width 600 mm, Size: 300x300 mm

ES301440 Thickness: **0.175 mm**, Condition: Biaxially Oriented, Coil width 600 mm, Size: 150x150 mm to 300x300 mm

ES301442 Thickness: **0.20mm**, Coil width 660 mm, Size: 150x150 mm to 300x300 mm

ES301451 Thickness: **0.25mm**, Colour: Opaque white, Condition: Biaxially Oriented, Condition: Printable both sides, Size: 210x295 mm

ES301445 Thickness: **0.25mm**, Condition: Amorphous, Coil width 600 mm, Size: 300x300 mm

ES301450 Thickness: **0.25 mm**, Condition: Biaxially Oriented, Coil width 600 mm, Size: 300x300 mm to 600x600 mm

ES301455 Thickness: **0.3mm**, Condition: Amorphous, Coil width 480 mm, Size: 240x240 mm

ES301465 Thickness: **0.35mm**, Condition: Amorphous, Coil width 540 mm, Size: 270x270 mm

ES301460 Thickness: **0.35 mm**, Condition: Biaxially Oriented, Coil width 600 mm, Size: 332x345 mm

ES301485 Thickness: **0.50 mm**, Condition: Biaxially Oriented, Coil width 650 mm Length : 0.5 m to 5 m



Metallised Film

ES301820 Thickness: **0.002mm**, Ohms/Square: 1.5, Metallised with: Aluminium, Metallised width: 305mm, Coil width 315 mm Length : 0.2 m to 2 m

ES301835 Thickness: **0.0035mm**, Ohms/Square: 1.5, Metallised with: Aluminium, Coil width 300 mm Length : 0.5 m to 10 m

ES301840 Thickness: **0.004mm**, Ohms/Square: 3, Metallised with: Aluminium, Coil width 9 mm Length : 1 m to 10 m

ES301855 Thickness: **0.005mm**, Ohms/Square: 1.5, Metallised with: Aluminium, Metallised width: 305mm, Coil width 315 mm Length : 0.5 m to 10 m

ES301865 Thickness: **0.006mm**, Ohms/Square: 1.5, Metallised on both sides with: Aluminium, Metallised width: 305mm, Coil width 315 mm Length : 0.5 m to 10 m

ES301860 Thickness: **0.006mm**, Ohms/Square: 3, Metallised with: Aluminium, Coil width 27 mm Length : 1 m to 100 m

ES301912 Thickness: **0.012mm**, Ohms/Square: 2, Metallised with: Aluminium, Coil width 300 mm, Size: 150x150 mm to 300x300 mm

ES301923 Thickness: **0.023mm**, Ohms/Square: 2, Metallised with: Aluminium, Coil width 300 mm, Size: 150x150 mm to 300x300 mm

ES301900 Thickness: **0.036mm**, Ohms/Square: >2500, Metallised with: Stainless Steel, Size: 150x150 mm to 1000x1000 mm

Polymers

ES301920 Thickness: **0.036mm**, Ohms/Square: 25, Metallised with: StSt/Cu/StSt, Coil width 1500 mm, Size: 150x150 mm to 1000x1000 mm

ES301902 Thickness: **0.036mm**, Ohms/Square: 200, Metallised with: Stainless Steel, Size: 150x150 mm to 1000x1000 mm

ES301911 Thickness: **0.036mm**, Ohms/Square: 200, Metallised with: Titanium, Size: 150x150 mm to 1000x1000 mm

ES301901 Thickness: **0.036mm**, Ohms/Square: 700, Metallised with: Stainless Steel, Size: 150x150 mm to 1000x1000 mm

ES301910 Thickness: **0.036mm**, Ohms/Square: 700, Metallised with: Titanium, Size: 150x150 mm to 1000x1000 mm

ES301955 Thickness: **0.05mm**, Ohms/Square: 2, Metallised with: Aluminium, Coil width 540 mm, Size: 150x150 mm to 270x270 mm

ES301980 Thickness: **0.10mm**, Ohms/Square: 2, Metallised with: Aluminium, Coil width 610 mm, Size: 150x150 mm to 300x300 mm



Laminate

ES301520 Thickness: **0.06mm**, Polymer Thickness: 0.025mm, Backing Material: 0.018mm Copper, Coil width 610 mm, Size: 100x100 mm to 600x600 mm

ES301532 Thickness: **0.1mm**, Polymer Thickness: 0.05mm, Backing Material: 0.035mm Copper, Coil width 610 mm, Size: 100x100 mm to 300x300 mm

ES301554 Thickness: **0.16mm**, Polymer Thickness: 0.075mm, Backing Material: 0.07mm Copper, Coil width 610 mm, Size: 100x100 mm to 300x300 mm



Sheet

ES303010 Thickness: **1mm**, Condition: Amorphous, Size: 150x150 mm to 600x600 mm

ES303020 Thickness: **2mm**, Condition: Amorphous, Size: 150x150 mm to 300x300 mm

ES303030 Thickness: **3mm**, Condition: Amorphous, Size: 150x150 mm to 300x300 mm

ES303050 Thickness: **5mm**, Size: 100x100 mm to 300x300 mm

ES303100 Thickness: **10mm**, Size: 150x150 mm to 300x300 mm

ES303250 Thickness: **25mm**, Size: 150x150 mm to 300x300 mm



Fabric

ES303520 Weight.m⁻²: **92g**, Ends x Picks/10cm: 157x157, Warp Yarn: 28Tex, Weft Yarn: 28Tex, Weave: Plain, Thickness: 0.13mm, Coil width 1470 mm, Size: 150x150 mm to 500x500 mm



Mesh

ES308704 Nominal Aperture: **21µm**, Monofil diameter: 41µm, Threads/cm: 163, Open area: 12%, Type: Plain weave mesh, Size: 250x250 mm to 500x500 mm

ES308710 Nominal Aperture: **100µm**, Monofil diameter: 70µm, Threads/cm: 55, Open area: 33%, Type: Plain weave mesh, Size: 250x250 mm to 500x500 mm



Fibre

ES305710 Tex Number: **3.3**, Filament Diameter: 0.014mm, Number of Filaments: 15, Condition: Medium Tenacity

ES305720 Tex Number: **7.4**, Filament Diameter: 0.017mm, Number of Filaments: 24, Condition: High Tenacity

ES305730 Tex Number: **110**, Filament Diameter: 0.023mm, Number of Filaments: 192, Condition: High Tenacity



Monofilament

ES305910 Diameter: **0.1mm**

ES305920 Diameter: **0.2mm**

ES305940 Diameter: **0.4mm**

ES305950 Diameter: **0.5mm**

ES305980 Diameter: **0.8mm**

ES305990 Diameter: **0.9mm**



Rod

ES307906 Diameter: **6mm**, Length: 500 mm to 1000 mm

ES307910 Diameter: **10mm**, Length: 500 mm to 1000 mm

ES307925 Diameter: **25mm**, Length: 100 mm to 1000 mm



Granule

ES306310 Nominal Granule Size: **3mm**

Polyhydroxybutyrate - Biopolymer (PHB)



Film

BU391051 Thickness: **0.005mm**, Grade: Technical Grade, Size: 25x25 mm



Sheet

BU393130 Thickness: **1.35mm**, Grade: Technical Grade, Size: 25x25 mm to 76x113 mm



Non-Woven Fabric

BU393710 Weight.m⁻²: **150g**, Grade: Research Grade, Thickness: 0.125mm, Size: 100x100 mm to 300x300 mm



Rod

BU397920 Diameter: **15mm**, Length: 100 mm to 1000 mm



Granule

BU396311 Nominal Granule Size: **5mm**

Polyhydroxybutyrate/ Polyhydroxyvalerate 2% - Biopolymer (Biopolymer)



Powder

BV336010 Max. Particle size: **25micron**

Polyhydroxybutyrate/ Polyhydroxyvalerate 8% - Biopolymer (PHB92/PHV 8)



Film

BV301010 Thickness: **0.01mm**, Coil width 420 mm, Size: 100x100 mm to 200x200 mm

Polymers

BV301025 Thickness: **0.025mm**, Coil width 420 mm, Size: 100x100 mm to 200x200 mm

BV301050 Thickness: **0.05mm**, Coil width 840 mm, Size: 150x150 mm to 300x300 mm

BV301100 Thickness: **0.1mm**, Size: 150x150 mm to 300x300 mm

Polyhydroxybutyrate/ Polyhydroxyvalerate 12% - Biopolymer (PHB88/PHV12)



Granule

BV326301 Nominal Granule Size: **5mm**, Condition: 10% Plasticised pellets (citric ester)

Polyimide (PI)

Kapton, Kinel, Upilex, Upimol, Vespel



Film

IM301080 Thickness: **0.008mm**, Grade: Kapton HN[®], Coil width 300 mm, Size: 100x100 mm to 300x300 mm

IM301130 Thickness: **0.013mm**, Grade: Kapton HN[®], Coil width 300 mm, Size: 100x100 mm to 300x300 mm

IM301202 Thickness: **0.025mm**, Adhesive coated tape: Total thickness : 0.06mm, Coil width 20 mm Length : 1 rolls to 2 rolls

IM301216 Thickness: **0.025mm**, Grade: Kapton KJ[®], Size: 100x100 mm

IM301213 Thickness: **0.025mm**, Colour: Black, Grade: Kapton MTB[®], Coil width 366 mm, Size: 150x150 mm to 300x300 mm

IM301214 Thickness: **0.025mm**, Colour: Black, Grade: Kapton CB[®], Coil width 497 mm, Size: 150x150 mm to 300x300 mm

IM301212 Thickness: **0.025mm**, Grade: Kapton CR[®], Coil width 500 mm, Size: 100x100 mm to 250x250 mm

IM301210 Thickness: **0.025mm**, Grade: Kapton MT[®], Coil width 600 mm, Size: 100x100 mm to 600x600 mm

IM301200 Thickness: **0.025mm**, Grade: Kapton HN[®], Coil width 600 mm, Size: 100x100 mm to 300x300 mm

IM301219 Thickness: **0.030mm**, Colour: Black, Grade: Kapton XC[®], Surface Resistivity: 10⁷ Ohm/sq., Coil width 300 mm, Size: 150x150 mm to 300x300 mm

IM301240 Thickness: **0.040mm**, Colour: Black, Grade: Kapton XC[®], Surface Resistivity: 370 Ohm/Sq, Size: 100x100 mm

IM301301 Thickness: **0.05mm**, Grade: Upilex, Coil width 500 mm, Size: 100x100 mm to 250x250 mm

IM301300 Thickness: **0.05mm**, Grade: Kapton HN[®], Coil width 610 mm, Size: 100x100 mm to 300x300 mm

IM301402 Thickness: **0.075mm**, Grade: Kapton MT[®], Coil width 610 mm, Size: 150x150 mm to 300x300 mm

IM301400 Thickness: **0.075mm**, Grade: Kapton HN[®], Coil width 610 mm, Size: 100x100 mm to 300x300 mm

IM301414 Thickness: **0.075mm**, Grade: Kapton KJ[®], Size: 100x100 mm to 200x200 mm

IM301450 Thickness: **0.125mm**, Grade: Kapton HN[®], Coil width 610 mm, Size: 100x100 mm to 300x300 mm

IM301455 Thickness: **0.23mm**, Grade: Cirlex CL-HN, Size: 140x150 mm to 280x300 mm

IM301460 Thickness: **0.25mm**, Grade: Upilex, Size: 50x50 mm to 300x300 mm

IM301465 Thickness: **0.5mm**, Grade: Cirlex CL-HN, Size: 70x100 mm to 200x280 mm



Metallised Film

IM301825 Thickness: **0.025mm**, Condition: Metallised on one side with 50-100 nm Aluminium, Grade: Kapton HN[®], Coil width 610 mm, Size: 150x150 mm to 300x300 mm



Laminate

IM301510 Thickness: **0.05mm**, Polymer Thickness: 0.025mm, Backing Material: 0.009mm Copper, Coil width 610 mm, Size: 100x100 mm to 300x300 mm

IM301522 Thickness: **0.06mm**, Polymer Thickness: 0.025mm, Backing Material: 0.018mm Copper, Coil width 610 mm, Size: 100x100 mm to 300x300 mm

IM301512 Thickness: **0.07mm**, Polymer Thickness: 0.025mm, Backing Material: 0.009mm Copper, Condition: Double-sided laminate, Coil width 610 mm, Size: 100x100 mm to 300x300 mm

IM301536 Thickness: **0.1mm**, Polymer Thickness: 0.05mm, Backing Material: 0.035mm Copper, Coil width 610 mm, Size: 100x100 mm to 300x300 mm

IM301620 Thickness: **0.16mm**, Polymer Thickness: 0.025mm, Backing Material: 0.125mm Nomex[®], Coil width 914 mm, Size: 150x150 mm to 300x300 mm

IM301560 Thickness: **0.16mm**, Polymer Thickness: 0.075mm, Backing Material: 0.07mm Copper, Coil width 610 mm, Size: 100x100 mm to 300x300 mm

IM301650 Thickness: **0.4mm**, Polymer Thickness: 0.025mm, Backing material: 0.38mm Nomex[®], Coil width 890 mm, Size: 150x150 mm to 300x300 mm



Sheet

IM303110 Thickness: **1mm**, Grade: Cirlex CL-HN, Size: 100x140 mm to 200x280 mm

IM303100 Thickness: **1mm**, Grade: Upilex, Size: 50x50 mm to 300x300 mm

IM303120 Thickness: **1.5mm**, Grade: Cirlex CL-HN, Size: 100x140 mm to 200x280 mm



Chopped Fibre

IM306560 Nominal Diameter: **0.014mm**, Fibre length: 60mm, Grade: P84



Rod

IM307910 Diameter: **6.35mm**, Grade: Vespel SP1, Length: 50 mm to 200 mm

IM307920 Diameter: **12.7mm**, Grade: Vespel SP1, Length: 50 mm to 200 mm

IM307930 Diameter: **19mm**, Grade: Meldin 7001, Length: 50 mm to 200 mm

IM307940 Diameter: **25.4mm**, Grade: Vespel SP1, Length: 50 mm to 183 mm

IM307941 Diameter: **25.4mm**, Grade: Meldin 7001, Length: 50 mm to 200 mm

Polymers — Polyhydroxybutyrate/Polyhydroxyvalerate 12% - Biopolymer

Polymers

IM307950 Diameter: **38mm**, Grade: Meldin 7001, Length: 25 mm to 100 mm

IM307960 Diameter: **50mm**, Grade: Meldin 7001, Length: 25 mm to 50 mm

IM307961 Diameter: **50.8mm**, Grade: Vespel SP1, Length: 25 mm to 50 mm

Tube

IM307012 Outside Diameter: **0.168mm**, Wall Thickness: 0.023mm, Inside Diameter: 0.122mm, Length: 100 mm to 1000 mm

IM307013 Outside Diameter: **0.18mm**, Wall Thickness: 0.02mm, Inside Diameter: 0.14mm, Length: 100 mm to 1000 mm

IM307014 Outside Diameter: **0.193mm**, Wall Thickness: 0.019mm, Inside Diameter: 0.155mm, Length: 100 mm to 1000 mm

IM307015 Outside Diameter: **0.196mm**, Wall Thickness: 0.015mm, Inside Diameter: 0.166mm, Length: 100 mm to 1000 mm

IM307016 Outside Diameter: **0.201mm**, Wall Thickness: 0.022mm, Inside Diameter: 0.157mm, Length: 100 mm to 1000 mm

IM307030 Outside Diameter: **0.30mm**, Wall Thickness: 0.025mm, Inside Diameter: 0.25mm, Length: 100 mm to 1000 mm

IM307040 Outside Diameter: **0.35mm**, Wall Thickness: 0.025mm, Inside Diameter: 0.3mm, Length: 100 mm to 1000 mm

IM307050 Outside Diameter: **0.55mm**, Wall Thickness: 0.025mm, Inside Diameter: 0.5mm, Length: 100 mm to 1000 mm

IM307055 Outside Diameter: **0.67mm**, Wall Thickness: 0.025mm, Inside Diameter: 0.62mm, Length: 317 mm

IM307100 Outside Diameter: **1.05mm**, Wall Thickness: 0.025mm, Inside Diameter: 1.0mm, Length: 100 mm to 1000 mm

IM307200 Outside Diameter: **2.10mm**, Wall Thickness: 0.05mm, Inside Diameter: 2.0mm, Length: 100 mm to 1000 mm

IM307400 Outside Diameter: **4.2mm**, Wall Thickness: 0.07mm, Inside Diameter: 4.06mm, Length: 100 mm to 1000 mm

Polymethylmethacrylate (PMMA, Acrylic)

Diakon, Lucite, Orogas, Perspex, Plexiglas

Film

ME301200 Thickness: **0.05mm**, Condition: Impact modified, Coil width 600 mm, Size: 150x150 mm to 600x600 mm

Sheet

ME303002 Thickness: **0.125 mm**, Condition: Impact modified, Size: 150x150 mm to 600x600 mm

ME303005 Thickness: **0.25mm**, Condition: Impact modified, Size: 150x150 mm to 600x600 mm

ME303008 Thickness: **0.5mm**, Condition: Impact modified, Size: 150x150 mm to 600x600 mm

ME303007 Thickness: **0.5mm**, Colour: Dark red / black, Condition: IR transmitting, Size: 95x100 mm to 190x200 mm

ME303006 Thickness: **0.5mm**, Size: 100x100 mm to 400x400 mm

ME303004 Thickness: **0.7mm**, Grade: CQ, Size: 100x100 mm to 200x200 mm

ME303011 Thickness: **1.0mm**, Grade: CQ, Size: 100x100 mm to 200x200 mm

ME303010 Thickness: **1.1mm**, Tolerance: 20%, Size: 150x150 mm to 600x600 mm

ME303013 Thickness: **1.2mm**, Grade: CQ, Size: 100x100 mm to 200x200 mm

ME303021 Thickness: **2.0mm**, Grade: CQ, Size: 150x150 mm to 600x600 mm

ME303020 Thickness: **2.0mm**, Size: 300x300 mm

ME303026 Thickness: **2.7mm**, Grade: CQ, Size: 150x150 mm to 600x600 mm

ME303031 Thickness: **3.0mm**, Grade: CQ, Size: 100x100 mm to 150x150 mm

ME303032 Thickness: **3.0mm**, Condition: Cast, Condition: Free from UV absorber, Size: 150x150 mm to 300x300 mm

ME303030 Thickness: **3.2mm**, Size: 300x300 mm

ME303052 Thickness: **5.0mm**, Condition: Cast, Condition: Free from UV absorber, Size: 150x150 mm to 300x300 mm

ME303050 Thickness: **5.0mm**, Size: 150x150 mm to 300x300 mm

ME303055 Thickness: **6.0mm**, Size: 150x150 mm to 300x300 mm

ME303100 Thickness: **10.0mm**, Size: 150x150 mm to 300x300 mm

ME303250 Thickness: **25.0mm**, Size: 150x150 mm to 300x300 mm



Monofilament

ME305910 Diameter: **1.0mm**, Condition: Optical fibre



Rod

ME307901 Diameter: **1mm**, Length: 1000 mm

ME307902 Diameter: **2mm**, Length: 1000 mm

ME307903 Diameter: **3mm**, Length: 1000 mm

ME307905 Diameter: **5mm**, Length: 500 mm to 1000 mm

ME307911 Diameter: **10mm**, Grade: CQ, Length: 148 mm

ME307910 Diameter: **10mm**, Length: 1000 mm

ME307915 Diameter: **15mm**, Grade: CQ, Length: 185 mm

ME307925 Diameter: **20mm**, Grade: CQ, Length: 165 mm

ME307920 Diameter: **20mm**, Length: 500 mm to 1000 mm

ME307930 Diameter: **25mm**, Grade: CQ, Length: 140 mm

ME307950 Diameter: **50mm**, Length: 200 mm to 1000 mm

ME307980 Diameter: **100mm**, Length: 50 mm to 500 mm



Tube

ME307050 Outside Diameter: **10mm**, Wall Thickness: 1.5mm, Inside Diameter: 7mm, Condition: Extruded, Length: 500 mm to 1000 mm

ME307100 Outside Diameter: **13mm**, Wall Thickness: 1.5mm, Inside Diameter: 10mm, Condition: Extruded, Length: 500 mm to 1000 mm

ME307200 Outside Diameter: **20mm**, Wall Thickness: 2mm, Inside Diameter: 16mm, Condition: Extruded, Length: 100 mm to 1000 mm

ME307300 Outside Diameter: **30mm**, Wall Thickness: 3mm, Inside Diameter: 24mm, Condition: Cast, Length: 100 mm to 1000 mm

Polymers

ME307400 Outside Diameter: **40mm**, Wall Thickness: 3mm, Inside Diameter: 34mm, Condition: Extruded, Length: 100 mm to 1000 mm

ME307410 Outside Diameter: **40mm**, Wall Thickness: 3mm, Inside Diameter: 34mm, Condition: Cast, Length: 100 mm to 1000 mm

ME307500 Outside Diameter: **50mm**, Wall Thickness: 3mm, Inside Diameter: 44mm, Condition: Extruded, Length: 100 mm to 1000 mm



Powder

ME306010 Mean Particle size: **600micron**, Condition: Additive free polymer



Sphere

ME306810 Diameter: **1.5mm**

ME306820 Diameter: **3.18mm**

Polymethylpentene (TPX®)

TPX®



Film

ME311040 Thickness: **0.04mm**, Size: 150x150 mm to 300x300 mm

ME311050 Thickness: **0.05mm**, Coil width 600 mm, Size: 150x150 mm to 300x300 mm

ME311070 Thickness: **0.09mm**, Coil width 610 mm, Size: 150x150 mm to 300x300 mm

ME311100 Thickness: **0.125mm**, Coil width 660 mm, Size: 150x150 mm to 300x300 mm

ME311150 Thickness: **0.25mm**, Coil width 660 mm, Size: 150x150 mm to 300x300 mm

ME311250 Thickness: **0.5mm**, Coil width 670 mm, Size: 150x150 mm to 300x300 mm



Sheet

ME313200 Thickness: **2.0 mm**, Condition: Injection moulded, Size: 60x60 mm

ME313370 Thickness: **4.8 mm**, Condition: Compression moulded, Condition: Mottled surface, Size: 70x70 mm to 145x145 mm

ME313400 Thickness: **6.35mm**, Condition: Extruded, Size: 100x100 mm to 300x300 mm



Rod

ME317910 Diameter: **6.35mm**, Length: 100 mm to 1000 mm

ME317915 Diameter: **9.5mm**, Length: 100 mm to 1000 mm

ME317920 Diameter: **20mm**, Length: 100 mm to 500 mm

ME317933 Diameter: **33mm**, Length: 50 mm to 200 mm

ME317950 Diameter: **50mm**, Length: 50 mm to 200 mm



Granule

ME316300 Nominal Granule Size: **3mm**

Polyoxymethylene - Copolymer (Acetal - Copolymer POMC)

Celcon, Hostaform, Kemetal, Ultraform



Sheet

OX303010 Thickness: **1mm**, Tolerance: 15%, Size: 300x300 mm

OX303030 Thickness: **3mm**, Size: 300x300 mm

OX303100 Thickness: **10mm**, Size: 150x150 mm to 300x300 mm



Rod

OX307905 Diameter: **5mm**, Length: 1000 mm

OX307910 Diameter: **10mm**, Length: 1000 mm

OX307925 Diameter: **25mm**, Length: 200 mm to 1000 mm

OX307950 Diameter: **50mm**, Length: 200 mm to 1000 mm

OX307980 Diameter: **100mm**, Length: 50 mm to 500 mm

OX307990 Diameter: **150mm**, Length: 50 mm to 200 mm



Sphere

OX306850 Diameter: **12.7mm**

Polyoxymethylene - Homopolymer (Acetal - Homopolymer POMH)

Delrin, Tenac



Film

OX311050 Thickness: **0.5mm**, Size: 150x150 mm to 300x300 mm



Sheet

OX313050 Thickness: **5mm**, Size: 150x150 mm to 300x300 mm

OX313100 Thickness: **12mm**, Size: 150x150 mm to 300x300 mm



Rod

OX317910 Diameter: **10mm**, Length: 1000 mm

OX317925 Diameter: **25mm**, Length: 100 mm to 1000 mm

OX317950 Diameter: **50mm**, Length: 100 mm to 1000 mm

OX317980 Diameter: **100mm**, Length: 50 mm to 500 mm



Sphere

OX316810 Diameter: **1.59mm**

Polyoxymethylene/Acetal Copolymer - 10% Carbon Fibre Reinforced (POMC - 10% CFR)



Granule

OX336310 Nominal Granule Size: **3mm**, Colour: Black

Polyphenyleneoxide (PPO (modified), PPE (modified))

Noryl, Vestoran, Luranyl



Sheet

PH303060 Thickness: **6mm**, Colour: Pale grey, Size: 100x100 mm to 300x300 mm

PH303250 Thickness: **25mm**, Colour: Pale grey, Size: 55x290 mm



Rod

PH307906 Diameter: **6mm**, Colour: Pale grey, Length: 500 mm to 1000 mm

PH307910 Diameter: **10mm**, Colour: Pale grey, Length: 500 mm to 1000 mm

PH307912 Diameter: **12mm**, Colour: Pale grey, Length: 500 mm to 1000 mm

PH307930 Diameter: **30mm**, Colour: Pale grey, Length: 100 mm to 1000 mm

PH307950 Diameter: **50mm**, Colour: Pale grey, Length: 100 mm to 500 mm

Polymers

PH307980 Diameter: **100mm**, Colour: Pale grey, Length: 50 mm to 200 mm

PH307990 Diameter: **150mm**, Colour: Pale grey, Length: 50 mm to 100 mm

Polyphenyleneoxide (modified), 30% Glass Fibre Reinforced (PPO 30% GFR)

Noryl, Vestoran, Luranyl



Sheet

PH313250 Thickness: **30mm**, Size: 150x150 mm to 300x300 mm



Rod

PH317910 Diameter: **10mm**, Colour: Yellow/Brown, Length: 100 mm to 1000 mm

PH317930 Diameter: **30mm**, Colour: Yellow/Brown, Length: 100 mm to 1000 mm

Polyphenylenesulphide (PPS)



Monofilament

SU325950 Diameter: **0.5 mm**, Colour: Transparent pale amber, Condition: Unfilled

Polyphenylenesulphide - 20% Carbon Fibre Reinforced (PPS - 20% CFR)



Granule

SU356310 Nominal Granule Size: **3mm**, Colour: Black

Polyphenylenesulphide - 40% Glass Fibre Reinforced (PPS - 40% GFR)

Fortron, Ryton, Supec



Sheet

SU313065 Thickness: **7mm**, Colour: Black, Size: 50x50 mm to 250x250 mm



Rod

SU317910 Diameter: **10mm**, Length: 100 mm to 1000 mm

SU317915 Diameter: **12mm**, Length: 100 mm to 1000 mm

SU317920 Diameter: **20mm**, Length: 100 mm to 1000 mm

SU317927 Diameter: **27mm**, Length: 100 mm to 1000 mm

SU317940 Diameter: **40mm**, Length: 50 mm to 500 mm

Polyphenylsulphone (PPSu)

Radel R



Sheet

SU333020 Thickness: **5.5mm**, Colour: Blue, Size: 165x165 mm



Rod

SU337912 Diameter: **12.7mm**, Colour: Black, Length: 100 mm to 1000 mm

SU337920 Diameter: **20mm**, Colour: Black, Length: 100 mm to 1000 mm

SU337930 Diameter: **30mm**, Colour: Black, Length: 100 mm to 1000 mm

SU337940 Diameter: **40mm**, Colour: Black, Length: 100 mm to 500 mm

Polypropylene (PP)

Appryl, Hostalen PP, Lacqtene, Novolen, Propathene



Film

PP301040 Thickness: **0.004 mm**, Condition: Biaxially Oriented, Coil width 315 mm, Size: 100x100 mm to 300x300 mm

PP301081 Thickness: **0.008 mm**, Condition: Biaxially Oriented, Coil width 300 mm Length: 0.5 m to 20 m

PP301101 Thickness: **0.01 mm**, Condition: Biaxially Oriented, Coil width 300 mm Length: 0.5 m to 20 m

PP301100 Thickness: **0.01 mm**, Condition: Biaxially Oriented, Coil width 550 mm, Size: 100x100 mm to 500x500 mm

PP301120 Thickness: **0.012 mm**, Condition: Biaxially Oriented, Coil width 300 mm, Size: 100x100 mm to 300x300 mm

PP301130 Thickness: **0.013 mm**, Condition: Biaxially Oriented, Coil width 295 mm, Size: 100x100 mm to 150x150 mm

PP301150 Thickness: **0.015 mm**, Condition: Biaxially Oriented, Coil width 300 mm, Size: 100x100 mm to 300x300 mm

PP301300 Thickness: **0.030mm**, Grade: Heat sealable, Coil width 330 mm, Size: 100x100 mm to 150x150 mm

PP301320 Thickness: **0.03 mm**, Condition: Biaxially Oriented, Coil width 600 mm, Size: 150x150 mm to 300x300 mm

PP301340 Thickness: **0.04 mm**, Condition: Biaxially Oriented, Coil width 650 mm, Size: 100x100 mm to 600x600 mm

PP301350 Thickness: **0.05 mm**, Condition: Biaxially Oriented, Coil width 600 mm, Size: 150x150 mm to 300x300 mm

PP301375 Thickness: **0.075 mm**, Condition: Biaxially Oriented, Coil width 600 mm, Size: 150x150 mm to 300x300 mm

PP301400 Thickness: **0.1mm**, Condition: Homopolymer, Coil width 650 mm Length: 0.5 m to 10 m

PP301418 Thickness: **0.18mm**, Condition: Copolymer, Coil width 610 mm, Size: 150x150 mm to 300x300 mm

PP301427 Thickness: **0.27mm**, Condition: Homopolymer, Coil width 650 mm, Size: 150x150 mm to 300x300 mm

PP301430 Thickness: **0.3mm**, Size: 100x100 mm to 200x200 mm

PP301460 Thickness: **0.55mm**, Condition: Copolymer, Coil width 920 mm, Size: 150x150 mm to 900x900 mm



Metallised Film

PP301880 Thickness: **0.008mm**, Ohms/Square: 3, Metallised with: Aluminium, Metallisation: One side only, Coil width 75 mm Length: 0.5 m to 50 m



Honeycomb

PP302800 Thickness: **10mm**, Cell size: 8mm, Adhesive: None - cells are fused together, Core Density: 0.08g.cm⁻³, Cell Wall: 0.25mm, Facing skin: Non-woven polyester veil, Size: 300x300 mm to 600x600 mm

Polymers

PP302850 Thickness: **10mm**, Cell size: 10mm, Adhesive: None - cells are fused together, Core Density: 0.064g.cm⁻³, Cell Wall: 0.25mm, Facing skin: Non-woven polyester veil, Size: 300x300 mm to 600x600 mm

PP302810 Thickness: **20mm**, Cell size: 8mm, Adhesive: None - cells are fused together, Core Density: 0.08g.cm⁻³, Cell Wall: 0.25mm, Facing skin: Non-woven polyester veil, Size: 300x300 mm to 600x600 mm

PP302851 Thickness: **20mm**, Cell size: 10mm, Adhesive: None - cells are fused together, Core Density: 0.064g.cm⁻³, Cell Wall: 0.25mm, Facing skin: Non-woven polyester veil, Size: 300x300 mm to 600x600 mm



Sheet

PP303100 Thickness: **1.0mm**, Size: 150x150 mm to 400x600 mm

PP303150 Thickness: **1.5mm**, Size: 150x150 mm to 600x600 mm

PP303030 Thickness: **3.0mm**, Size: 100x100 mm to 500x500 mm

PP303050 Thickness: **4.5mm**, Size: 100x100 mm to 300x300 mm

PP303055 Thickness: **5.0mm**, Colour: Natural, Condition: Homopolymer, Size: 100x100 mm to 500x500 mm

PP303300 Thickness: **10mm**, Size: 100x100 mm to 300x300 mm

PP303400 Thickness: **25mm**, Size: 100x100 mm to 240x250 mm



Mesh

PP308706 Nominal Aperture: **34µm**, Monofil diameter: 150µm, Threads/cm: 70, Open area: 4%, Weave: Satin, Size: 250x250 mm to 500x500 mm

PP308710 Nominal Aperture: **125µm**, Monofil diameter: 110µm, Threads/cm: 43, Open area: 29%, Type: Plain weave mesh, Size: 250x250 mm to 500x500 mm



Fibre

PP305747 Tex Number: **47**, Filament Diameter: 0.028mm, Number of Filaments: 86, Condition: Medium Tenacity



Rod

PP307907 Diameter: **8mm**, Condition: Homopolymer, Length: 500 mm to 1000 mm

PP307908 Diameter: **8mm**, Condition: Copolymer, Length: 500 mm to 1000 mm

PP307910 Diameter: **10mm**, Condition: Homopolymer, Length: 500 mm to 1000 mm

PP307925 Diameter: **25mm**, Condition: Homopolymer, Length: 200 mm to 1000 mm

PP307950 Diameter: **50mm**, Condition: Homopolymer, Length: 100 mm to 1000 mm

PP307980 Diameter: **100mm**, Length: 100 mm to 1000 mm

PP307990 Diameter: **150mm**, Length: 50 mm to 500 mm



Tube

PP307500 Outside Diameter: **50mm**, Wall Thickness: 1.1mm, Colour: Grey, Inside Diameter: 47.8mm, Condition: Biaxially Oriented tube, Length: 100 mm to 500 mm



Granule

PP306320 Nominal Granule Size: **3mm**, Condition: Block copolymer

PP306315 Nominal Granule Size: **4mm**, Condition: Isotactic



Sphere

PP306820 Diameter: **3.18mm**

Polystyrene (PS)

Polystyrol, Styron



Film

ST311025 Thickness: **0.025 mm**, Condition: Biaxially Oriented, Tolerance: 20%, Coil width 300 mm Length: 1 m to 20 m

ST311030 Thickness: **0.030 mm**, Condition: Biaxially Oriented, Tolerance: 20%, Coil width 300 mm Length: 1 m to 20 m

ST311050 Thickness: **0.05 mm**, Condition: Biaxially Oriented, Coil width 600 mm Length: 0.5 m to 10 m

ST311125 Thickness: **0.125 mm**, Condition: Biaxially Oriented, Coil width 600 mm Length: 0.5 m to 10 m

ST311250 Thickness: **0.25 mm**, Condition: Biaxially Oriented, Coil width 350 mm, Size: 150x150 mm to 300x300 mm



Sheet

ST313120 Thickness: **1.2mm**, Condition: Crystal, Condition: Transparent, Condition: Amorphous, Size: 100x100 mm to 300x300 mm

ST313200 Thickness: **2.0mm**, Condition: Crystal, Condition: Transparent, Condition: Amorphous, Size: 100x100 mm to 300x300 mm

ST313300 Thickness: **3.0mm**, Condition: Crystal, Condition: Transparent, Condition: Amorphous, Size: 100x100 mm to 300x300 mm

ST313400 Thickness: **4.0mm**, Condition: Crystal, Condition: Transparent, Condition: Amorphous, Size: 100x100 mm to 300x300 mm

ST313450 Thickness: **6.0mm**, Condition: Crystal, Condition: Transparent, Condition: Amorphous, Size: 150x150 mm to 245x366 mm



Powder

ST316051 Mean Particle size: **250micron**, Condition: Homopolymer

ST316090 Mean Particle size: **900micron**, Condition: Spherical powder, Condition: Homopolymer



Granule

ST316310 Nominal Granule Size: **3.5mm**, Melt flow rate: 2.5

Polystyrene - Conductive (High Impact Conductive Polystyrene)



Sheet

ST323100 Thickness: **1.0mm**, Colour: Black, Condition: Conductive polymer, Size: 100x100 mm to 300x300 mm

ST323200 Thickness: **2.0mm**, Colour: Black, Condition: Conductive polymer, Size: 100x100 mm to 300x300 mm

Polymers

ST323300 Thickness: **3.0mm**, Colour: Black, Condition: Conductive polymer, Size: 100x100 mm to 300x300 mm

Polystyrene - Cross-linked (PS - X - Linked)

Q.200.5, Rexolite



Sheet

ST303009 Thickness: **0.9mm**, Size: 150x150 mm to 300x300 mm

ST303016 Thickness: **1.6mm**, Size: 150x150 mm to 300x300 mm

ST303032 Thickness: **3.2mm**, Size: 150x150 mm to 300x300 mm

ST303064 Thickness: **6.4mm**, Size: 150x150 mm to 300x300 mm

ST303127 Thickness: **12.7mm**, Size: 150x150 mm to 300x300 mm

ST303150 Thickness: **25.4mm**, Size: 150x150 mm to 310x310 mm

ST303175 Thickness: **50.8mm**, Size: 157x157 mm to 315x315 mm



Rod

ST307910 Diameter: **1.6mm**, Length: 100 mm to 1000 mm

ST307930 Diameter: **6.35mm**, Length: 100 mm to 1000 mm

ST307950 Diameter: **9.5mm**, Length: 100 mm to 1000 mm

ST307960 Diameter: **12.7mm**, Length: 100 mm to 1000 mm

ST307965 Diameter: **19mm**, Length: 100 mm to 1000 mm

ST307970 Diameter: **25mm**, Length: 100 mm to 1000 mm

ST307980 Diameter: **38mm**, Length: 100 mm to 1000 mm

ST307990 Diameter: **50mm**, Length: 100 mm to 1000 mm

ST307995 Diameter: **70mm**, Length: 50 mm to 500 mm

ST307997 Diameter: **89mm**, Length: 50 mm to 200 mm

Polysulphone (PSu)

Udel[®], Ultrason[®] S



Film

SU341025 Thickness: **0.025mm**, Coil width 600 mm, Size: 150x150 mm to 300x300 mm



Rod

SU347910 Diameter: **10mm**, Colour: Natural, Length: 100 mm to 1000 mm

SU347925 Diameter: **25mm**, Colour: Natural, Length: 100 mm to 1000 mm

SU347950 Diameter: **50mm**, Colour: Natural, Length: 50 mm to 500 mm



Granule

SU346320 Nominal Granule Size: **2mm**, Colour: Natural

Polytetrafluoroethylene (PTFE)

Fluon, Hostafflon TF, Teflon TFE



Film

FP301050 Thickness: **0.005mm**, Coil width 450 mm Length: 0.1 m to 2 m

FP301100 Thickness: **0.01mm**, Coil width 450 mm, Size: 150x150 mm to 300x300 mm

FP301020 Thickness: **0.0125mm**, Porosity: 98%, Pore Size: 12.5µm, Condition: Porous Membrane, Size: 200x300 mm

FP301040 Thickness: **0.025mm**, Porosity: 91%, Pore Size: 5µm, Condition: Porous Membrane, Size: 200x300 mm

FP301200 Thickness: **0.025mm**, Coil width 300 mm, Size: 100x100 mm to 300x300 mm

FP301250 Thickness: **0.05mm**, Tolerance: 20%, Coil width 300 mm, Size: 100x100 mm to 300x300 mm

FP301220 Thickness: **0.063mm**, Porosity: 91%, Pore Size: 1µm, Condition: Porous Membrane, Size: 200x300 mm

FP301265 Thickness: **0.063mm**, Porosity: 84%, Pore Size: 0.45µm, Condition: Porous Membrane, Size: 200x300 mm

FP301300 Thickness: **0.1mm**, Coil width 300 mm, Size: 100x100 mm to 300x300 mm

FP301301 Thickness: **0.1mm**, Coil width 610 mm Length: 0.5 m to 10 m

FP301305 Thickness: **0.15mm**, Coil width 310 mm, Size: 150x150 mm to 300x300 mm

FP301312 Thickness: **0.175mm**, Porosity: 35%, Pore Size: 5.0µm, Condition: Porous Membrane, Backing support: 0.15mm thick Webril[®] Polypropylene non-woven fabric., Size: 200x310 mm

FP301340 Thickness: **0.20mm**, Coil width 328 mm, Size: 150x150 mm to 300x300 mm

FP301310 Thickness: **0.21mm**, Porosity: 51.5%, Pore Size: 1.0µm, Condition: Porous Membrane, Backing support: 0.15mm thick Webril[®] Polypropylene non-woven fabric., Size: 200x300 mm

FP301315 Thickness: **0.21mm**, Porosity: 64%, Pore Size: 0.45µm, Condition: Porous Membrane, Backing support: 0.15mm thick Webril[®] Polypropylene non-woven fabric., Size: 50x110 mm

FP301326 Thickness: **0.225mm**, Porosity: 35%, Pore Size: 5.0µm, Condition: Porous Membrane, Backing support: Reemay[®] non-woven 0.2mm thick Polyester., Size: 150x150 mm

FP301350 Thickness: **0.25mm**, Coil width 300 mm, Size: 150x150 mm to 300x300 mm

FP301324 Thickness: **0.263mm**, Porosity: 51.5%, Pore Size: 1.0µm, Condition: Porous Membrane, Backing support: Reemay[®] non-woven 0.2mm thick Polyester., Size: 200x300 mm

FP301375 Thickness: **0.30mm**, Coil width 300 mm, Size: 150x150 mm to 300x300 mm

FP301400 Thickness: **0.5mm**, Coil width 620 mm, Size: 100x100 mm to 300x300 mm



Sheet

FP303050 Thickness: **1.0mm**, Size: 100x100 mm to 300x300 mm

FP303100 Thickness: **2.0mm**, Size: 100x100 mm to 300x300 mm

FP303150 Thickness: **3.0mm**, Size: 100x100 mm to 300x300 mm

FP303200 Thickness: **5.0mm**, Size: 100x100 mm to 300x300 mm

FP303250 Thickness: **10.0mm**, Size: 100x100 mm to 300x300 mm



Fibre

FP305722 Tex Number: **22**, Filament Diameter: 0.0211mm, Number of Filaments: 30, Colour: Brown

Polymers

FP305744 Tex Number: **44**, Filament Diameter: 0.0211mm, Number of Filaments: 60, Colour: Brown



Rod

- FP307901** Diameter: **1.0mm**, Length: 500 mm to 1000 mm
FP307905 Diameter: **2.0mm**, Length: 500 mm to 1000 mm
FP307908 Diameter: **2.5mm**, Length: 500 mm to 1000 mm
FP307910 Diameter: **3.0mm**, Length: 500 mm to 1000 mm
FP307920 Diameter: **4.0mm**, Length: 500 mm to 1000 mm
FP307925 Diameter: **5.0mm**, Length: 500 mm to 1000 mm
FP307950 Diameter: **8.0mm**, Length: 500 mm to 1000 mm
FP307975 Diameter: **10.0mm**, Length: 200 mm to 1000 mm
FP307977 Diameter: **13mm**, Length: 200 mm to 1000 mm
FP307980 Diameter: **25.0mm**, Length: 100 mm to 1000 mm
FP307985 Diameter: **50.0mm**, Length: 50 mm to 500 mm
FP307990 Diameter: **100mm**, Length: 25 mm to 150 mm



Tube

- FP307004** Outside Diameter: **0.41mm**, Wall Thickness: 0.13mm, Inside Diameter: 0.15mm, Length, Length: 1 m to 50 m
FP307006 Outside Diameter: **0.56mm**, Wall Thickness: 0.08mm, Inside Diameter: 0.4mm, Length, Length: 1 m to 20 m
FP307007 Outside Diameter: **0.8mm**, Wall Thickness: 0.25mm, Inside Diameter: 0.3mm, Length, Length: 1 m to 50 m
FP307010 Outside Diameter: **1.09mm**, Wall Thickness: 0.04mm, Inside Diameter: 1.01mm, Length, Length: 1 m to 10 m
FP307012 Outside Diameter: **1.2mm**, Wall Thickness: 0.3mm, Inside Diameter: 0.6mm, Length, Length: 1 m to 50 m
FP307018 Outside Diameter: **1.82mm**, Wall Thickness: 0.41mm, Inside Diameter: 1mm, Length, Length: 1 m to 20 m
FP307024 Outside Diameter: **2.4mm**, Wall Thickness: 0.8mm, Inside Diameter: 0.8mm, Length, Length: 1 m to 20 m
FP307022 Outside Diameter: **2.5mm**, Wall Thickness: 0.1mm, Inside Diameter: 2.3mm, Heat-shrinkable tubing: 0.65mm minimum I/D, Length: 200 mm to 1000 mm
FP307027 Outside Diameter: **2.69mm**, Wall Thickness: 0.05mm, Inside Diameter: 2.59mm, Length, Length: 1 m to 50 m
FP307032 Outside Diameter: **3.2mm**, Wall Thickness: 0.8mm, Inside Diameter: 1.6mm, Length: 500 mm to 1000 mm
FP307035 Outside Diameter: **3.52mm**, Wall Thickness: 0.41mm, Inside Diameter: 2.7mm, Length: 500 mm to 1000 mm
FP307030 Outside Diameter: **4.2mm**, Wall Thickness: 0.05mm, Inside Diameter: 4.1mm, Heat-shrinkable tubing: 0.93mm minimum I/D, Length: 200 mm to 1000 mm
FP307048 Outside Diameter: **4.8mm**, Wall Thickness: 0.8mm, Inside Diameter: 3.2mm, Length: 500 mm to 1000 mm
FP307050 Outside Diameter: **5.0mm**, Wall Thickness: 1.0mm, Inside Diameter: 3mm, Length: 500 mm to 1000 mm
FP307065 Outside Diameter: **6.35mm**, Wall Thickness: 0.8mm, Inside Diameter: 4.75mm, Length, Length: 2 m to 20 m

FP307064 Outside Diameter: **6.42mm**, Wall Thickness: 0.51mm, Inside Diameter: 5.4mm, Length: 500 mm to 1000 mm

FP307066 Outside Diameter: **6.45mm**, Wall Thickness: 0.05mm, Inside Diameter: 6.35mm, Heat-shrinkable tubing: 1.6mm minimum I/D, Length: 200 mm to 1000 mm

FP307080 Outside Diameter: **8.0mm**, Wall Thickness: 0.8mm, Inside Diameter: 6.4mm, Length: 500 mm to 1000 mm

FP307076 Outside Diameter: **8.2mm**, Wall Thickness: 0.25mm, Inside Diameter: 7.7mm, Heat-shrinkable tubing: 4.5mm minimum I/D, Length: 230 mm

FP307068 Outside Diameter: **8.2mm**, Wall Thickness: 0.1mm, Inside Diameter: 8mm, Heat-shrinkable tubing: 1.6mm minimum I/D, Length: 200 mm to 1000 mm

FP307090 Outside Diameter: **9.25mm**, Wall Thickness: 0.375mm, Inside Diameter: 8.5mm, Length: 200 mm to 1000 mm

FP307140 Outside Diameter: **14mm**, Wall Thickness: 1mm, Inside Diameter: 12mm, Length, Length: 0.2 m to 5 m

FP307131 Outside Diameter: **14mm**, Wall Thickness: 0.07mm, Inside Diameter: 13.86mm, Heat-shrinkable tubing: 3.7mm minimum I/D, Length: 200 mm to 1000 mm

FP307205 Outside Diameter: **19.2mm**, Wall Thickness: 0.1mm, Inside Diameter: 19mm, Heat-shrinkable tubing: 5.7mm minimum I/D, Length: 100 mm to 1000 mm



Powder

- FP306010** Mean Particle size: **6-9micron**
FP306020 Mean Particle size: **20micron**



Sphere

- FP306810** Diameter: **1.59mm**
FP306820 Diameter: **3.18mm**

Polytetrafluoroethylene coated Glass Fabric (PTFE 75 / Glass 25)



Fabric

- FP313510** Weight.m⁻²: **145g**, Ends x Picks/10cm: 185x236, Weave: Plain, Thickness: 0.08mm, Coil width 1000 mm, Size: 300x300 mm to 500x1000 mm
FP313520 Weight.m⁻²: **300g**, Ends x Picks/10cm: 236x228, Weave: Plain, Thickness: 0.15mm, Coil width 1000 mm, Size: 300x300 mm to 500x1000 mm

Polytetrafluoroethylene filled with Glass (PTFE 25% GF)

Fluon, Hostafion, Teflon



Film

- FP321300** Thickness: **0.30mm**, Size: 250x250 mm to 1000x1000 mm
FP321400 Thickness: **0.5mm**, Size: 250x250 mm to 1000x1000 mm



Sheet

- FP323075** Thickness: **1.5mm**, Size: 150x150 mm to 300x300 mm
FP323150 Thickness: **3.0mm**, Size: 150x150 mm to 1000x1000 mm

Polymers

Polymers — Polyvinylchloride - Unplasticised

FP323200 Thickness: **5.0mm**, Size: 150x150 mm to 600x600 mm

FP323250 Thickness: **10.0mm**, Size: 150x150 mm to 300x300 mm



Rod

FP327930 Diameter: **5.0mm**, Length: 100 mm to 1000 mm

FP327950 Diameter: **10.0mm**, Length: 100 mm to 1000 mm

FP327960 Diameter: **15.0mm**, Length: 100 mm to 1000 mm

FP327970 Diameter: **25.0mm**, Length: 50 mm to 1000 mm

Polyvinylchloride - Unplasticised (UPVC)

Corvic, Evipol, Geon, Hostalit, Lacovyl, Lucorex



Film

CV311200 Thickness: **0.2mm**, Colour: Clear, Condition: Copolymer, Coil width 660 mm, Size: 150x150 mm to 600x600 mm

CV311450 Thickness: **0.38mm**, Colour: Clear, Condition: Copolymer, Coil width 660 mm, Size: 150x150 mm to 600x600 mm



Sheet

CV313005 Thickness: **0.5mm**, Colour: White, Size: 150x150 mm to 300x300 mm

CV313010 Thickness: **1mm**, Colour: Clear, Size: 150x150 mm to 300x300 mm

CV313045 Thickness: **4.5mm**, Colour: Clear, Size: 150x150 mm to 300x300 mm

CV313250 Thickness: **10.0mm**, Colour: Grey, Size: 150x150 mm to 300x300 mm



Rod

CV317906 Diameter: **6mm**, Colour: Grey, Length: 500 mm to 1000 mm

CV317910 Diameter: **10mm**, Colour: Grey, Length: 500 mm to 1000 mm

CV317925 Diameter: **25mm**, Colour: Grey, Length: 500 mm to 1000 mm



Tube

CV317480 Outside Diameter: **48mm**, Wall Thickness: 3mm, Colour: Grey, Inside Diameter: 42mm, Condition: Biaxially Oriented tube, Length: 100 mm to 1000 mm



Powder

CV316010 Mean Particle size: **230micron**

Polyvinylfluoride (PVF)

Tedlar



Film

FV331013 Thickness: **0.013 mm**, Condition: Modified to reduce flammability, Colour: White, Coil width 300 mm Length : 0.5 m to 10 m

FV331025 Thickness: **0.025mm**, Coil width 300 mm Length : 0.5 m to 10 m

FV331050 Thickness: **0.05mm**, Coil width 600 mm, Size: 150x150 mm to 300x300 mm

Polyvinylidenechloride (PVDC)

Saran



Film

CV301150 Thickness: **0.0125mm**, Coil width 300 mm Length : 0.5 m to 50 m

CV301230 Thickness: **0.033mm**, Coil width 300 mm, Size: 150x150 mm to 300x300 mm

CV301250 Thickness: **0.05mm**, Coil width 230 mm Length : 1 m to 20 m



Powder

CV306010 Mean Particle size: **<180micron**

Polyvinylidene fluoride (PVDF)

Floraflon, Kynar, Solef



Film

FV301050 Thickness: **0.0045 mm**, Condition: Biaxially Oriented, Coil width 660 mm, Size: 150x150 mm to 300x300 mm

FV301090 Thickness: **0.009 mm**, Oriented: Uni-axially oriented, Condition: Piezo-electric film, Size: 25x25 mm to 100x100 mm

FV301251 Thickness: **0.028 mm**, Oriented: Uni-axially oriented, Condition: Piezo-electric film, Coil width 400 mm, Size: 50x50 mm to 200x200 mm

FV301260 Thickness: **0.05mm**, Coil width 610 mm, Size: 150x150 mm to 300x300 mm

FV301300 Thickness: **0.1mm**, Size: 150x150 mm to 300x300 mm

FV301310 Thickness: **0.125mm**, Coil width 660 mm, Size: 150x150 mm to 300x300 mm

FV301350 Thickness: **0.25mm**, Coil width 596 mm, Size: 145x145 mm to 290x290 mm

FV301360 Thickness: **0.3mm**, Size: 100x100 mm to 150x150 mm

FV301400 Thickness: **0.5mm**, Size: 100x100 mm to 600x600 mm

FV301490 Thickness: **1.0mm**, Size: 150x150 mm to 500x500 mm



Metallised Film

FV301890 Thickness: **0.009mm**, Ohms/Square: 2, Oriented: Uni-axially oriented, Condition: Piezo-electric film, Size: 50x50 mm to 100x100 mm

FV301926 Thickness: **0.025mm**, Ohms/Square: 2, Condition: Biaxially Oriented, Condition: Piezo-electric film, Size: 50x50 mm to 200x200 mm

FV301940 Thickness: **0.04mm**, Ohms/Square: 2, Condition: Biaxially Oriented, Condition: Piezo-electric film, Size: 50x50 mm to 200x200 mm

FV301960 Thickness: **0.11mm**, Ohms/Square: 2, Oriented: Uni-axially oriented, Condition: Piezo-electric film, Size: 133x190 mm to 190x267 mm



Sheet

FV303200 Thickness: **2.0mm**, Size: 150x150 mm to 500x500 mm



Rod

FV307910 Diameter: **3.0mm**, Length: 500 mm to 1000 mm

Polymers

FV307925 Diameter: **10.0mm**, Length: 200 mm to 1000 mm

FV307940 Diameter: **20.0mm**, Length: 200 mm to 1000 mm



Tube

FV307201 Outside Diameter: **20mm**, Wall Thickness: 0.2mm, Inside Diameter: 19.6mm, Heat-shrinkable tubing: 9.5mm minimum I/D, Length: 300 mm to 1200 mm



Granule

FV306300 Nominal Granule Size: **5mm**, Condition: Additive free polymer

Silicone Elastomer (MQ/VNQ/PMQ/PVMQ)

Silastic, Silopren



Film

SI301025 Thickness: **0.025mm**, Size: 23x23 mm

SI301050 Thickness: **0.05mm**, Size: 150x200 mm

SI301126 Thickness: **0.125mm**, Size: 150x195 mm



Sheet

SI303045 Thickness: **0.45mm**, Size: 145x145 mm to 290x290 mm

SI303060 Thickness: **0.6mm**, Size: 300x300 mm to 600x600 mm

SI303100 Thickness: **1.0mm**, Size: 100x100 mm to 500x500 mm

SI303201 Thickness: **2.0mm**, Specification: USP Class VI, Size: 75x100 mm to 150x200 mm

SI303300 Thickness: **3.0mm**, Size: 100x100 mm to 500x500 mm



Rod

SI307910 Diameter: **1.0mm**, Colour: White, Condition: Flexible cord, Length: 1 m to 20 m

SI307920 Diameter: **2.0mm**, Colour: White, Condition: Flexible cord, Length: 1 m to 20 m

SI307950 Diameter: **5.0mm**, Colour: White, Condition: Flexible cord, Length: 1 m to 20 m



Tube

SI307150 Outside Diameter: **1.5mm**, Wall Thickness: 0.5mm, Inside Diameter: 0.5mm, Length: 0.5 m to 2 m

SI307160 Outside Diameter: **2.2mm**, Wall Thickness: 0.85mm, Inside Diameter: 0.5mm, Length: 0.5 m to 10 m

SI307300 Outside Diameter: **3.0mm**, Wall Thickness: 0.5mm, Inside Diameter: 2mm, Length: 1 m to 5 m

SI307450 Outside Diameter: **4.7mm**, Wall Thickness: 0.75mm, Inside Diameter: 3.2mm, Length: 1 m to 5 m

SI307061 Outside Diameter: **5.5mm**, Wall Thickness: 1.6mm, Inside Diameter: 2.3mm, Length: 0.5 m to 10 m

SI307060 Outside Diameter: **6.4mm**, Wall Thickness: 2.0mm, Inside Diameter: 2.4mm, Length: 1 m

SI307062 Outside Diameter: **6.4mm**, Wall Thickness: 1.6mm, Inside Diameter: 3.2mm, Length: 0.5 m to 10 m

TPE - 50% Leather Fibre Filled (TPE - 50% Leather Fibre Filled)



Film

ET381250 Thickness: **1.2mm**, Colour: Black, Coil width 650 mm, Size: 150x150 mm to 300x300 mm



Lump

ET386100 Max. Lump size: **5mm**, Colour: Black

Tetrafluoroethylene-perfluoro(alkoxy vinyl ether) - Copolymer (PFA. Teflon PFA.)



Film

FV321025 Thickness: **0.025mm**, Coil width 370 mm, Size: 150x150 mm to 300x300 mm

FV321050 Thickness: **0.052mm**, Coil width 390 mm, Size: 150x150 mm to 300x300 mm

FV321100 Thickness: **0.1mm**, Coil width 400 mm, Size: 100x100 mm to 200x200 mm

FV321200 Thickness: **0.5mm**, Coil width 420 mm, Size: 100x100 mm to 200x200 mm



Sheet

FV323100 Thickness: **1mm**, Size: 150x150 mm to 300x300 mm

FV323300 Thickness: **3mm**, Size: 150x150 mm



Rod

FV327905 Diameter: **3mm**, Length: 300 mm to 900 mm

FV327910 Diameter: **9.5mm**, Length: 300 mm to 900 mm

FV327930 Diameter: **25mm**, Length: 100 mm to 200 mm

Vectra A[®] - 15% Glass Fibre Reinforced (Liquid Crystal Polyester - 15% GFR)



Rod

ES387920 Diameter: **10mm**, Colour: Black, Length: 100 mm to 1000 mm

Vectra A[®] - 25% Glass Fibre Reinforced (Vectra A[®] - 25% GFR)



Rod

ET377940 Diameter: **20mm**, Colour: Black, Condition: Contains PTFE as a dry lubricant, Length: 100 mm to 1000 mm

Vectra A[®] - 30% Glass Fibre Reinforced (Vectra A[®] - 30% GFR)



Rod

ET367925 Diameter: **12mm**, Colour: Black, Length: 100 mm to 1000 mm

Vectra A[®] - Liquid Crystal Polyester (Vectra A[®])

Vectra A, Xydar



Fibre

ES315717 Tex Number: **167**, Filament Diameter: 0.023mm, Number of Filaments: 300

Polymers — Silicone Elastomer

Polymers



Rod

ES317920 Diameter: **18 mm**, Made from: Liquid Crystal polymer, Length: 100 mm to 1000 mm

ES317930 Diameter: **30 mm**, Made from: Liquid Crystal polymer, Length: 100 mm to 1000 mm

Vectra B[®] - 30% Glass Fibre Reinforced (Liquid Crystal Polyester - 30% GFR)



Sheet

ES393100 Thickness: **10mm**, Colour: Black, Condition: Centre-gated, Condition: Machining feedstock, Size: 152x152 mm



Rod

ES397920 Diameter: **10.7mm**, Length: 100 mm to 1000 mm

ES397930 Diameter: **13.7mm**, Length: 100 mm to 1000 mm

Vectra B[®] - Liquid Crystal Polyester/ amide copolymer (Vectra B[®])



Rod

ES327903 Diameter: **3 mm**, Made from: Liquid Crystal polymer, Length: 100 mm to 1000 mm

ES327905 Diameter: **5 mm**, Made from: Liquid Crystal polymer, Length: 100 mm to 1000 mm

ES327910 Diameter: **10.5 mm**, Made from: Liquid Crystal polymer, Length: 100 mm to 1000 mm

ES327920 Diameter: **18 mm**, Made from: Liquid Crystal polymer, Length: 100 mm to 1000 mm

ES327930 Diameter: **30 mm**, Made from: Liquid Crystal polymer, Length: 100 mm to 1000 mm

Vectra MT1300 - Liquid Crystalline Polyester (Vectra MT1300)



Rod

ET397910 Diameter: **10mm**, Colour: Black, Condition: Unfilled, Length: 100 mm to 1000 mm

Composites

Aluminium/Copper Metal Matrix Composite (Al77.9/SiC17.8/Cu 3.3/Mg 1.2/Mn 0.4)

Sheet

AL423200 Thickness: **2.0 mm**, Condition: Metal Matrix Composite, Reinforced with: Silicon Carbide particles, Size: 50x50 mm to 100x100 mm

Rod

AL427915 Diameter: **15 mm**, Condition: Metal Matrix Composite, Reinforced with: Silicon Carbide particles, Length: 50 mm to 500 mm

Tube

AL427250 Outside Diameter: **25.4mm**, Wall Thickness: 1.0mm, Inside Diameter: 23.4mm, Condition: Metal Matrix Composite, Reinforced with: Silicon Carbide particles, Length: 100 mm to 1000 mm

Aluminium/Lithium Metal Matrix Composite (Al81/SiC15/Li 2/Cu 1.2/Mg 0.8)

Sheet

AL413160 Thickness: **1.6 mm**, Condition: Metal Matrix Composite, Reinforced with: Silicon Carbide particles, Size: 50x50 mm to 250x250 mm

Tube

AL417250 Outside Diameter: **24.0mm**, Wall Thickness: 1.0mm, Inside Diameter: 22mm, Condition: Metal Matrix Composite, Reinforced with: Silicon Carbide particles, Length: 100 mm to 1000 mm

Carbon-Carbon Composite (Carbon fibre - Carbon matrix)

Sheet

C 413010 Thickness: **1.25mm**, Size: 50x50 mm to 150x150 mm

C 413020 Thickness: **1.6mm**, Size: 50x50 mm to 150x150 mm

C 413050 Thickness: **5mm**, Size: 50x50 mm to 150x150 mm

C 413100 Thickness: **10.0mm**, Size: 50x50 mm to 150x150 mm

Carbon/Epoxy Composite (Carbon fibre - Epoxy Resin Matrix)

Sheet

C 423025 Thickness: **0.25mm**, Tolerance: 20%, Size: 150x150 mm to 300x300 mm

C 423050 Thickness: **0.5mm**, Size: 150x150 mm to 300x300 mm

C 423085 Thickness: **0.85mm**, Size: 50x50 mm to 230x230 mm

C 423100 Thickness: **1.0mm**, Size: 100x100 mm to 300x300 mm

C 423130 Thickness: **1.3mm**, Size: 150x150 mm to 300x300 mm

C 423200 Thickness: **2.0mm**, Size: 100x100 mm to 300x300 mm

Rod

C 427905 Diameter: **2mm**, Length: 500 mm to 1000 mm

C 427910 Diameter: **3mm**, Length: 500 mm to 1000 mm

Tube

C 427477 Outside Diameter: **47.6mm**, Wall Thickness: 1.9mm, Inside Diameter: 43.8mm, Condition: Ultra-straight tube, Straightness: +/- 0.25mm over 1500mm, Length: 100 mm to 1500 mm

Carbon/Polyaramid (Carbon fibre - Polyaramid fibre)

Fabric

C 403530 Weight.m⁻²: **159g**, Ends x Picks/10cm: 47x47, Warp Yarn: 200(C) - 158(K)Tex, Weft Yarn: 200(C) - 158(K)Tex, Weave: 2/2 Twill, Thickness: 0.2mm, Coil width 1000 mm, Size: 150x150 mm to 500x500 mm

C 403528 Weight.m⁻²: **188g**, Ends x Picks/10cm: 50x50, Warp Yarn: 200(C) - 158(K)Tex, Weft Yarn: 200(C) - 158(K)Tex, Weave: Plain, Thickness: 0.3mm, Size: 150x150 mm to 1000x1000 mm

C 403521 Weight.m⁻²: **210g**, Ends x Picks/10cm: 67x67, Warp Yarn: 200(C) - 158(K)Tex, Weft Yarn: 200(C) - 158(K)Tex, Weave: 3/1 Twill, Thickness: 0.3mm, Size: 150x150 mm to 1000x1000 mm

Carbon/Polyetheretherketone Composite (Carbon fibre - PEEK Matrix)

Sheet

EK403010 Thickness: **1.0mm**, Grade: APC 2, Condition: 8-ply Quasi-isotropic, Size: 50x50 mm to 150x150 mm

Carbon/Vinylester (Carbon fibre - Vinylester matrix)

Rod

VE407910 Diameter: **1.0mm**, Condition: Pultruded, Length: 1000 mm

VE407930 Diameter: **5.0mm**, Condition: Pultruded, Length: 500 mm to 1000 mm

VE407940 Diameter: **6.0mm**, Condition: Pultruded, Length: 500 mm to 1000 mm

VE407950 Diameter: **10.0mm**, Condition: Pultruded, Length: 200 mm to 1000 mm

Tube

VE407211 Outside Diameter: **6.0mm**, Wall Thickness: 1.0mm, Inside Diameter: 4mm, Condition: Pultruded, Length: 500 mm to 1000 mm

VE407320 Outside Diameter: **8.0mm**, Wall Thickness: 1.5mm, Inside Diameter: 5mm, Condition: Pultruded, Length: 200 mm to 984 mm

VE407321 Outside Diameter: **8.0mm**, Wall Thickness: 1.0mm, Inside Diameter: 6mm, Condition: Pultruded, Length: 200 mm to 1000 mm

Composites

VE407430 Outside Diameter: **10.0mm**, Wall Thickness: 1.5mm, Inside Diameter: 7mm, Condition: Pultruded, Length: 200 mm to 1000 mm

VE407541 Outside Diameter: **16.0mm**, Wall Thickness: 1.75mm, Inside Diameter: 12.5mm, Condition: Pultruded, Length: 500 mm to 1000 mm

VE407650 Outside Diameter: **25.0mm**, Wall Thickness: 1.5mm, Inside Diameter: 22mm, Condition: Pultruded, Length: 100 mm to 1000 mm

E-glass/Epoxy (Boro-silicate glass/Epoxy)

Sheet

SI403210 Thickness: **0.3mm**, Size: 150x150 mm to 300x300 mm

SI403220 Thickness: **0.5mm**, Size: 150x150 mm to 300x300 mm

SI403240 Thickness: **1.0mm**, Size: 150x150 mm to 300x300 mm

SI403260 Thickness: **1.6mm**, Size: 150x150 mm to 300x300 mm

SI403280 Thickness: **3.0mm**, Size: 150x150 mm to 300x300 mm

SI403300 Thickness: **5.5mm**, Size: 150x150 mm to 300x300 mm

LE40 (Leather (compactd))

Lump

LE406100 Max. Lump size: **5mm**, Colour: Black

Polyaramid/Polyphenylenesulphide Composite (Polyaramid fibre - PPS Matrix)

Sheet

SU403100 Thickness: **6.35mm**, Reinforcement: Randomly oriented chopped fibre, Size: 100x100 mm to 300x300 mm

Rod

SU407920 Diameter: **6.35 mm**, Reinforcement: Randomly oriented chopped fibre, Length: 100 mm to 1000 mm

SU407924 Diameter: **8.0 mm**, Reinforcement: Randomly oriented chopped fibre, Length: 100 mm to 1000 mm

SU407950 Diameter: **25.0 mm**, Reinforcement: Randomly oriented chopped fibre, Length: 100 mm to 1000 mm

SU407980 Diameter: **50 mm**, Reinforcement: Randomly oriented chopped fibre, Length: 100 mm

Polyaramid/Vinylester Composite (Polyaramid fibre - Vinylester matrix)

Rod

VE417920 Diameter: **2.0mm**, Condition: Pultruded, Length: 500 mm to 1000 mm

VE417940 Diameter: **5.0mm**, Condition: Pultruded, Length: 500 mm to 1000 mm

VE417960 Diameter: **6.0mm**, Condition: Pultruded, Length: 200 mm to 1000 mm

VE417980 Diameter: **10.0mm**, Condition: Pultruded, Length: 200 mm to 1000 mm

Tube

VE417210 Outside Diameter: **6.0mm**, Wall Thickness: 1.5mm, Inside Diameter: 3mm, Condition: Pultruded, Length: 500 mm to 1000 mm

VE417320 Outside Diameter: **8.0mm**, Wall Thickness: 1.5mm, Inside Diameter: 5mm, Condition: Pultruded, Length: 200 mm to 1000 mm

VE417430 Outside Diameter: **10.0mm**, Wall Thickness: 1.5mm, Inside Diameter: 7mm, Condition: Pultruded, Length: 200 mm to 1000 mm

VE417540 Outside Diameter: **15.0mm**, Wall Thickness: 1.5mm, Inside Diameter: 12mm, Condition: Pultruded, Length: 100 mm to 1000 mm

VE417650 Outside Diameter: **25.0mm**, Wall Thickness: 1.5mm, Inside Diameter: 22mm, Condition: Pultruded, Length: 100 mm to 1000 mm

Polyethylene/Polyethylene Composite (PE fibre - PE matrix)

Sheet

ET403020 Thickness: **2mm**, Size: 85x85 mm to 85x175 mm

ET403060 Thickness: **6mm**, Size: 60x60 mm to 125x125 mm

Polypropylene-Polypropylene composite (PP fibre - PP matrix)

Curv

Sheet

PP403030 Thickness: **0.3mm**, Size: 150x150 mm to 600x600 mm

PP403090 Thickness: **0.9mm**, Size: 150x150 mm to 600x600 mm

PP403200 Thickness: **2.0mm**, Size: 150x150 mm to 600x600 mm

PP403300 Thickness: **3.0mm**, Size: 150x150 mm to 600x600 mm

METAL DATA TABLE - PHYSICAL PROPERTIES

METAL DATA TABLE - MECHANICAL PROPERTIES

POLYMER DATA TABLE

	Acrylonitrile/ Methacrylate copolymer	Celulosa	Cellulose Acetate	Cellulose Acetate Butyrate CAB	Cyclo-olefin copolymer	Ethylene- Chloro- trifluoro- ethylene copolymer E-CTFE	Ethylene- Tetrafluoro- ethylene Copolymer	FEP TEFLON
Physical Properties								
Abbe number	-	-	-	80-84	58	-	-	-
Density	g cm ⁻³	1.15	1.44	1.3	1.20	1.02	1.68	2.15
Flammability	-	-	HB	HB	HB	V0	V0	V0
Limiting oxygen index	%	-	18	19	17	-	60	30-32
Optical transmission	%	-	-	-	-	92-94	-	-
Radiation resistance	-	Fair	Fair	Fair	Good	Fair	Fair	Poor
Refractive index	-	-	1.49	1.478	1.53	-	1.403	1.344
Resistance to Ultra-violet	-	-	Fair	Good	Fair-Poor	-	Excellent	Excellent
Water absorption	%	-	-	-	<0.01	-	0-0.03	0.01
Water absorption - equilibrium	%	-	50	-	-	-	-	-
Water absorption - over 24 hours	%	-	-	1.9-7.0	0.9-2.2	-	<0.02	-
Electrical Properties								
Dielectric constant @1kHz	-	-	-	-	-	-	-	-
Dielectric constant @1MHz	-	4 (dry)	5	2.5-6.2	-	2.3-2.5	2.6	2.1
Dielectric strength	kV mm ⁻¹	-	30-50 @ 1mm	11	10	-	40	25
Dissipation factor @ 1kHz	-	0.06	0.06	0.04	-	0.002	-	-
Dissipation factor @ 1MHz	-	-	-	-	-	-	0.0005	0.0007
Surface resistivity	Ohm/sq	-	-	-	10 ¹⁴	10 ¹⁴ -10 ¹⁵	> 10 ¹⁴	10 ¹⁶
Volume resistivity	Ohmcm	-	10 ¹⁰ - 10 ¹²	5 x 10 ¹²	10 ¹¹ -10 ¹⁵	10 ¹²	10 ¹⁵ -10 ¹⁶	10 ¹⁶
Thermal Properties								
Coefficient of thermal expansion	x10 ⁻⁶ K ⁻¹	-	-	80-180	140	60	80	90-170
Heat-deflection temperature - 0.45MPa	C	77	-	52-105	73	130	115	105
Heat-deflection temperature - 1.8MPa	C	69	-	48-86	62	-	75	70
Lower working temperature	C	-	-	-20	<-40	-	-75	<-100
Specific heat	J K ⁻¹ kg ⁻¹	-	1400	1200-1900	-	-	-	1900-2000
Thermal conductivity	W m ⁻¹ K ⁻¹	0.17	-	0.16-0.36 @23C	0.16-0.32 @23C	0.16	0.16 @23C	0.24 @23C
Upper working temperature	C	-	-	55-95	60-100	-	130-170	150-160
Mechanical Properties								
Abrasive resistance - ASTM D1044	mg/1000 cycles	-	-	65	-	-	5	-
Coefficient of friction	-	-	-	-	-	-	0.07-0.08	0.27-0.67
Compression set after 24 hr at 175C	%	-	-	-	-	-	-	-
Compressive modulus	GPa	-	-	-	-	-	-	-
Compressive strength	MPa	-	-	-	-	-	-	-
Elongation at break	%	-	18/55	-	60	3	200	250-350
Hardness - Rockwell	-	-	-	34-125	99	-	R95	R50
Izod impact strength	J m ⁻¹	approx.100	-	100-450	260	-	< 1000	> 1000
Poisson's ratio	-	-	-	-	-	-	-	0.48
Tear strength	N mm ⁻¹	-	-	-	-	-	-	-
Tensile modulus	GPa	approx.3	5/3	1.0-4.0	0.3-2.0	3.1	1.4-1.6	0.8
Tensile strength	MPa	66	120/55	12-110	20-60	66	48	28-48
Chemical Resistance								
Acids - concentrated		Good	-	Poor	-	-	Good	Good
Acids - dilute		Good	Good	Good-Poor	Fair-Poor	Good	Good	Good
Alcohols		Good	-	Fair-Poor	Poor	Good	Good	Good
Alkalis		Good	Good	Poor	Fair-Poor	Good	Good	Good
Aromatic hydrocarbons		Good	-	Good-Poor	Poor	-	Good	Good
Greases and Oils		Good	Good	Good	Good-Poor	Fair-Poor	Good	Good
Halogenated Hydrocarbons		-	-	Good-Poor	Poor	-	Good-Fair	Good
Halogens		-	-	Poor	Poor	-	Good	Good
Ketones		Fair	-	Poor	Poor	-	Good	Good

POLYMER DATA TABLE

		Hexafluoro-propylene-vinylidene-fluoride copolymer Viton® FKM	Poly L lactic acid - Biopolymer		Polyacrylonitrile	Poliacrilonitrilo-Butadieno-Estireno ABS	Polyamide Nylon 4,6 PA 4,6	Polyamide Nylon 6 PA 6	Polyamide Nylon 6,6 PA 6,6
Physical Properties									
Abbe number		-	-	-	-	-	-	-	-
Density	g cm ⁻³	2.0	1.25	1.5	1.18	1.05	1.18	1.13	1.14
Flammability		Self Extinguishing	-	-	-	HB @ 1.5mm	V2 @ 0.8mm	HB	HB
Limiting oxygen index	%	-	-	-	-	19	24	25	23
Optical transmission	%	-	-	-	-	-	-	-	-
Radiation resistance		Poor	-	-	-	Fair	Fair	Fair	Fair
Refractive index		-	-	-	-	-	-	1.53	1.53
Resistance to Ultra-violet		Excellent	Good	-	-	Poor	-	Poor	Poor
Water absorption	%	-	-	-	-	-	-	-	-
Water absorption - equilibrium	%	-	0.3	-	-	-	3.7	> 8	8
Water absorption - over 24 hours	%	-	-	-	-	0.3-0.7	1.3	2.7	2.3
Electrical Properties									
Dielectric constant @1kHz		-	-	-	-	-	-	-	-
Dielectric constant @1MHz		-	-	-	-	3.2 - 3.3	3.8-4.3	3.6	3.4
Dielectric strength	kV mm ⁻¹	-	-	-	-	20-25	20	25	25
Dissipation factor @ 1kHz		-	-	-	-	-	0.35	0.2	0.2
Dissipation factor @ 1MHz		-	-	-	-	0.02	-	-	-
Surface resistivity	Ohm/sq	-	-	-	-	-	10 ¹² -10 ¹⁴	5x10 ¹⁰	10 ¹¹
Volume resistivity	Ohmcm	-	-	-	-	> 10 ¹⁵	10 ¹³ -10 ¹⁵	5x10 ¹²	10 ¹³
Thermal Properties									
Coefficient of thermal expansion	x10 ⁻⁶ K ⁻¹	160	-	-	-	80	80-90	95	90
Heat-deflection temperature - 0.45MPa	C	-	-	-	-	98	220	200	200
Heat-deflection temperature - 1.8MPa	C	-	-	-	-	89	160	80	100
Lower working temperature	C	-10 to -50	-	-	-	-	-40	-40	-30
Specific heat	J K ⁻¹ kg ⁻¹	-	-	-	-	-	-	1700	1670
Thermal conductivity	W m ⁻¹ K ⁻¹	0.2 @23C	-	-	-	0.17 @23C	0.30 @23C	0.24-0.28 @23C	0.25 @23C
Upper working temperature	C	220 to 300	-	-	-	70-100	100-200	80-160	80-180
Mechanical Properties									
Abrasive resistance - ASTM D1044	mg/1000 cycles	-	-	-	-	-	-	5	3-5
Coefficient of friction		-	-	-	-	0.5	-	0.2-0.3	0.2-0.3
Compression set after 24 hr at 175C	%	43	-	-	-	-	-	-	-
Compressive modulus	GPa	-	-	-	-	-	-	-	-
Compressive strength	MPa	-	-	-	-	-	-	-	-
Elongation at break	%	200	2.4	-	-	45	-	-	-
Hardness - Rockwell		Shore A75	-	-	-	R100-110	M92	M82	M89
Izod impact strength	J m ⁻¹	-	-	-	-	200-400	80	30-250	40-110
Poisson's ratio		-	-	-	-	0.35	-	0.39	0.41
Tear strength	N mm ⁻¹	10	-	-	-	-	-	-	-
Tensile modulus	GPa	-	3.6	-	-	2.1-2.4	3.1-3.3	2.6-3.0	3.3
Tensile strength	MPa	9	70	-	-	41-45	55-100	78	82
Chemical Resistance									
Acids - concentrated		Good-Fair	-	-	-	Good-Poor	-	Poor	Poor
Acids - dilute		Good	-	Good-Fair	-	Good	-	Poor	Poor
Alcohols		Good-Fair	-	Good	-	Good-Poor	-	Good	Good
Alkalis		Good-Fair	-	Fair	-	Good	-	Good-Fair	Good-Fair
Aromatic hydrocarbons		Good-Fair	-	Good	-	Poor	-	Good	Good
Greases and Oils		Good-Fair	-	-	-	Good	-	Good	Good
Halogenated Hydrocarbons		Good-Fair	-	Good	-	Poor	-	Good-Poor	Good-Poor
Halogens		Good	-	-	-	Poor	-	Poor	Poor
Ketones		Poor	-	Good	-	Poor	-	Good	Good

POLYMER DATA TABLE

		Polyamide - Nylon 6, 6 - 30% Carbon Fibre Reinforced	Polyamide Nylon 6, 6 PA 6, 6 30% GFR	Polyamide Nylon 11 PA 11	Polyamide Nylon 12 PA 12	Polyamide - Nylon 12 - 30% Glass Fibre Reinforced	Polyamide/imide PAI	Polyaramid Kevlar®	Polyaramid Nomex®
Physical Properties									
Abbe number		-	-	-	-	-	-	-	-
Density	g cm ⁻³	1.28	1.4	1.04	1.02	1.23	1.42-1.46	1.44	1.38
Flammability		HB	HB	V2	HB-V2	HB	V0	-	-
Limiting oxygen index	%	22	22	22	21	-	44-45	-	29
Optical transmission	%	-	-	-	-	-	-	-	-
Radiation resistance		-	-	Fair	Fair	-	Good	-	Good
Refractive index		-	-	-	-	-	-	-	-
Resistance to Ultra-violet		-	-	Fair?	Fair?	Good	Good	Fair	-
Water absorption	%	-	-	-	-	-	-	-	-
Water absorption - equilibrium	%	-	-	2.5	1.6	0.6	3-4	-	9
Water absorption - over 24 hours	%	< 0.1	1-5	0.8	-	-	0.3	-	-
Electrical Properties									
Dielectric constant @1kHz		-	-	-	-	-	-	-	-
Dielectric constant @1MHz		-	3.9-5.7	3.0	3.5 @ 100kHz	4	3.9-5.4	-	-
Dielectric strength	kV mm ⁻¹	-	-	20	26-30 @ 1mm	35	23 at 1mm	-	-
Dissipation factor @ 1kHz		-	-	0.05	0.06	-	-	-	-
Dissipation factor @ 1MHz		-	-	-	-	0.04	0.03-0.042	-	-
Surface resistivity	Ohm/sq	10 ³	-	10 ¹⁴	10 ¹³	-	8-50 x 10 ¹⁷	-	-
Volume resistivity	Ohmcm	10 ²	10 ¹² -10 ¹⁵	10 ¹⁴	10 ¹² -10 ¹⁴	-	0.08-2 x 10 ¹⁷	-	-
Thermal Properties									
Coefficient of thermal expansion	x10 ⁻⁶ K ⁻¹	14	20-30	125	100-120	20	25-31	-2 along axis	20
Heat-deflection temperature - 0.45MPa	C	-	257	150	130-135	148	-	-	-
Heat-deflection temperature - 1.8MPa	C	260	252	55	48-55	160	278-9	-	-
Lower working temperature	C	-	-	-50	-	-78	= < -200	-200	-
Specific heat	J K ⁻¹ kg ⁻¹	-	-	-	-	-	1000	1400	1200
Thermal conductivity	W m ⁻¹ K ⁻¹	0.51	0.23 @23C	0.3 @23C	-	0.16	0.26-0.54 @23C	0.04 @23C	0.13 @23C
Upper working temperature	C	120-200	80-200	70-130	-	105-150	200-260	180-245	200 - 300
Mechanical Properties									
Abrasive resistance - ASTM D1044	mg/1000 cycles	-	-	-	-	-	-	-	-
Coefficient of friction		-	-	0.2-0.3	-	-	-	-	-
Compression set after 24 hr at 175C	%	-	-	-	-	-	-	-	-
Compressive modulus	GPa	-	-	-	-	-	-	-	-
Compressive strength	MPa	-	-	-	-	110	170-220	-	-
Elongation at break	%	2	5	320	290-300	8	7-15	-	-
Hardness - Rockwell		-	M100	M60	R84-107	R110	E72-86	-	-
Izod impact strength	J m ⁻¹	-	120	96	-	234	60-140 - notched	-	-
Poisson's ratio		-	-	-	-	-	0.38	-	-
Tear strength	N mm ⁻¹	-	-	-	-	-	-	-	-
Tensile modulus	GPa	24	10-11	1.5	-	6	4.5-6.8	59-124	-
Tensile strength	MPa	260	160-210	44	50-55	105	110-190	2760	-
Chemical Resistance									
Acids - concentrated		Poor	Poor	Poor	Poor	Poor	Fair-Poor	Poor	Poor
Acids - dilute		Poor	Poor	Fair-Poor	Fair-Poor	Fair-Poor	Fair	Fair	Good-Fair
Alcohols		Good	Good	Fair	Fair	Fair	Good-Poor	Good	Good
Alkalis		Good-Fair	Good-Fair	Good-Fair	Good-Fair	Poor	Poor	Good-Poor	Good-Poor
Aromatic hydrocarbons		Good	Good	Good	Good	-	Good	Good	Good
Greases and Oils		Good	Good	Good	Good	-	Good	Good	Good
Halogenated Hydrocarbons		Good-Poor	Good-Poor	Good-Poor	Good-Poor	-	Good-Poor	Good	Good
Halogens		Poor	Poor	Poor	Poor	-	Good-Poor	Good	-
Ketones		Good-Poor	Good-Poor	Good-Fair	Good-Fair	-	Good	Good	Good

POLYMER DATA TABLE

		Polybenzimidazole PBI	Polybutylene terephthalate PBT	Polybutylene terephthalate 30% Glass Fibre Reinforced PBT 30% GFR	Poly-carbonate PC	Polycarbonate - 30% Carbon Fibre Reinforced	Polycarbonate - 30% Glass Fibre Filled	Poly-carbonate Conductive	Polychlorotrifluoroethylene
Physical Properties									
Abbe number		-	-	-	34.0	-	-	-	-
Density	g cm ⁻³	1.3	1.31	1.63	1.2	1.33	1.43	1.28 - 1.35	2.10 - 2.14
Flammability		Does not burn	HB	HB	V0-V2	V0	V-1	-	V-0
Limiting oxygen index	%	58	25	23	25-27	25-27	-	-	-
Optical transmission	%	-	-	-	-	-	-	-	-
Radiation resistance		Good	Good	-	Fair	-	-	-	-
Refractive index		-	-	-	1.584-6	-	-	-	1.435
Resistance to Ultra-violet		-	Fair?	-	Fair	-	-	-	-
Water absorption	%	-	-	-	-	-	0.28	-	<0.01
Water absorption - equilibrium	%	-	-	-	0.35	-	0.11	0.9	-
Water absorption - over 24 hours	%	0.4	0.1	0.15-0.35	0.1	<0.2	-	-	-
Electrical Properties									
Dielectric constant @1kHz		-	3.2	-	-	-	-	-	-
Dielectric constant @1MHz		3.2	-	4	2.9	-	3.3	-	2.24-2.8
Dielectric strength	kV mm ⁻¹	21	20	20	15-67	-	30	-	14
Dissipation factor @ 1kHz		-	0.002	0.002	-	-	-	-	0.023-0.027
Dissipation factor @ 1MHz		-	-	-	0.01	-	0.009	-	0.01
Surface resistivity	Ohm/sq	-	-	-	10 ¹⁵	10 ²	10 ¹⁴	100-500	10 ¹⁵
Volume resistivity	Ohmcm	8x10 ¹⁴	10 ¹⁵	2x10 ¹⁴	10 ¹⁴ -10 ¹⁶	10 ³	10 ¹⁶	1-100	10 ¹⁶
Thermal Properties									
Coefficient of thermal expansion	x10 ⁻⁶ K ⁻¹	23	-	20-70	66-70	14	30	-	70
Heat-deflection temperature - 0.45MPa	C	435	150	220	140	-	147	-	126
Heat-deflection temperature - 1.8MPa	C	-	60	200	128-138	-	142	-	-
Lower working temperature	C	-	-	-	-135	-	-	-	-240
Specific heat	J K ⁻¹ kg ⁻¹	-	1200-2300	-	1200	-	1080	-	900
Thermal conductivity	W m ⁻¹ K ⁻¹	0.41 @23C	-	0.24 @23C	0.19-0.22 @23C	0.7	0.26	-	0.13
Upper working temperature	C	260-400	120-?	120-200	115-130	130	140	-	120-149
Mechanical Properties									
Abrasive resistance - ASTM D1044	mg/1000 cycles	-	-	-	10-15	-	-	-	-
Coefficient of friction		0.19-0.27	-	-	0.31	-	-	-	-
Compression set after 24 hr at 175C	%	-	-	-	-	-	-	-	-
Compressive modulus	GPa	6.2	-	-	-	-	-	-	-
Compressive strength	MPa	400	-	-	>80	-	-	-	9-12
Elongation at break	%	3	250	2	100-150	2	3	5-9	80-250
Hardness - Rockwell		K115	M70	M93	M70	-	-	-	R75-112
Izod impact strength	J m ⁻¹	590 unnotched	60	70	600-850	-	-	-	267
Poisson's ratio		0.34	-	-	0.37	-	-	-	-
Tear strength	N mm ⁻¹	-	-	-	-	-	-	-	-
Tensile modulus	GPa	5.9	2	12	2.3-2.4	18	5.8	3.8	1.3-1.8
Tensile strength	MPa	160	50	185	55-75	170	70	60-70	31-41
Chemical Resistance									
Acids - concentrated		Poor	Good-Poor	Good-Poor	Good	Fair	Fair	-	Good
Acids - dilute		Fair-Poor	Good	Good	Good	Good	Good	-	Good
Alcohols		Good	Good	Good	Good	Good	Good	-	Good
Alkalis		Good-Poor	Fair	Fair	Good-Poor	Poor	Poor	-	Good
Aromatic hydrocarbons		Good	Good	Good	Poor	Poor	Poor	-	Good
Greases and Oils		Good	Good	Good	Good-Fair	Good	Good	-	Good
Halogenated Hydrocarbons		Good	Good-Poor	Good-Poor	Good-Poor	-	-	-	-
Halogens		-	Poor	Poor	Poor	Poor	Poor	-	Good
Ketones		Good	Good-Poor	Good-Poor	Poor	Poor	Poor	-	Good

POLYMER DATA TABLE

		Poly-ether-ether-ketone PEEK	Poly-ether-imide PEI	Poly-ether-sulphone PES	Poly-ethylene Carbon filled	Poly-ethylene High density HDPE	Poly-ethylene Low Density LDPE	Poly-ethylene U.H.M.W.	Poly-ethylene naphthalate PEN
Physical Properties									
Abbe number		-	-	-	-	-	-	-	-
Density	g cm ⁻³	1.26 - 1.32	1.27	1.37	0.96	0.95	0.92	0.94	1.36
Flammability		V-0 @ 1.5mm	V-0 @ 0.4mm	V-0 @ 0.4mm	-	HB	HB	HB	VTM-2 - UL94, 0.075mm
Limiting oxygen index	%	35	47	34-41	-	17	17	17	-
Optical transmission	%	-	-	-	-	-	-	-	84 @ 0.075mm
Radiation resistance		Good	Good	Good-Fair	-	Fair	Fair	Fair	-
Refractive index		-	-	1.65	-	1.54	1.51	-	-
Resistance to Ultra-violet		Fair	Good/Fair	Fair	Good	Poor	Poor	Poor	-
Water absorption	%	-	-	-	-	-	-	-	-
Water absorption - equilibrium	%	0.5	1.3	2.2	-	-	-	-	-
Water absorption - over 24 hours	%	0.1-0.3	0.25	0.4-1	-	<0.01	<0.015	<0.01	-
Electrical Properties									
Dielectric constant @1kHz		3.2-3.3 @ 50Hz-10KHz	3.1	-	-	-	-	-	-
Dielectric constant @1MHz		-	-	3.7	-	2.3-2.4	2.2-2.35	2.3	3.2 @ 10KHz
Dielectric strength	kV mm ⁻¹	190 @ 50µm	30 @ 1.6mm	16	-	22	27	28	160 @ 0.075mm
Dissipation factor @ 1kHz		-	-	-	-	-	-	-	-
Dissipation factor @ 1MHz		0.003	0.0013 @ 1KHz	0.003	-	1-10 x 10 ⁻⁴	1-10 x 10 ⁻⁴	1-10 x 10 ⁻⁴	0.0048 @ 10KHz
Surface resistivity	Ohm/sq	-	4.10 ¹³	-	10 ³ -10 ⁴	10 ¹³	10 ¹³	10 ¹³	10 ¹⁴
Volume resistivity	Ohmcm	10 ¹⁵ -10 ¹⁶	7.10 ¹⁵	10 ¹⁷	< 10 ⁵	10 ¹⁵ -10 ¹⁸	10 ¹⁵ -10 ¹⁸	10 ¹⁸	10 ¹⁵
Thermal Properties									
Coefficient of thermal expansion	x10 ⁻⁶ K ⁻¹	47/108	56	55	-	100-200	100-200	130-200	20-21 - biax film
Heat-deflection temperature - 0.45MPa	C	> 260	200	> 260	-	75	50	69	-
Heat-deflection temperature - 1.8MPa	C	160	190	203	-	46	35	42	-
Lower working temperature	C	-	-	-110	-	-	-60	-	-
Specific heat	J K ⁻¹ kg ⁻¹	1340	2000	-	-	1900	1900-2300	1900	-
Thermal conductivity	W m ⁻¹ K ⁻¹	0.25 @23C	0.22 @23C	0.13-0.18 @23C	-	0.45-0.52 @23C	0.33 @23C	0.42-0.51 @23C	-
Upper working temperature	C	250	170-200	180-220	-	55-120	50-90	55-95	155
Mechanical Properties									
Abrasive resistance - ASTM D1044	mg/1000 cycles	-	10	6	-	-	-	-	-
Coefficient of friction		0.18	-	-	-	0.29	-	0.1-0.2	0.27 - biax film
Compression set after 24 hr at 175C	%	-	-	-	-	-	-	-	-
Compressive modulus	GPa	-	2.9	-	-	-	-	-	-
Compressive strength	MPa	-	140	-	-	-	-	-	-
Elongation at break	%	50	60	40-80	-	-	400	500	60 - biax film
Hardness - Rockwell		M99	R125	M88	-	D60-73 - Shore	D41-46 - Shore	R50-70	-
Izod impact strength	J m ⁻¹	85	50	85	-	20-210	> 1000	> 1000	-
Poisson's ratio		0.4	0.44	0.4	-	0.46	-	0.46	-
Tear strength	N mm ⁻¹	-	-	-	-	-	-	-	-
Tensile modulus	GPa	3.7-4.0	2.9	2.4-2.6	-	0.5-1.2	0.1-0.3	0.2-1.2	5-5.5 - biax film
Tensile strength	MPa	70-100	85	70-95	20	15-40	5-25	20-40	200 - biax film
Chemical Resistance									
Acids - concentrated		Good-Poor	Good(-Fair?)	Good-Poor	Fair	Good-Fair	Good-Fair	Good-Fair	Good-Poor
Acids - dilute		Good	Good	Good	Good	Good	Good	Good	Good
Alcohols		Good	Good	Good	Good	Good	Good	Good	Good
Alkalis		Good	Good-Poor	Good	-	Good	Good	Good	Good
Aromatic hydrocarbons		Good	Poor	Good	-	Fair	Fair-Poor	Fair	Good
Greases and Oils		Good	Good	Good-Fair	-	Good-Fair	Good-Fair	Good-Fair	Good
Halogenated Hydrocarbons		Good	Good-Poor	Good	-	Fair-Poor	Fair-Poor	Fair-Poor	Good
Halogens		Good-Poor	-	Fair-Poor	-	Fair-Poor	Fair-Poor	Fair-Poor	-
Ketones		Good-Poor	Poor	Good	Fair	Good-Fair	Good-Fair	Good-Fair	Good

POLYMER DATA TABLE

		Poli- éthileno- Tere- ftalato de Polyester, PET, PETP	Poly- hydroxy- butyrate Biopolymer PHB	Polyhydroxy- butyrate/ Polyhydroxy- valerate 8% - Biopolymer	Polyhydroxy- butyrate/ Polyhydroxy- valerate 12% - Biopolymer	Polyimide PI	Poly- methyl- meth- acrylate PMMA	Poly- methyl- pentene TPX [®]	Polyoxy- methylene Copolymer Acetal Copolymer POMC
Physical Properties									
Abbe number		-	-	-	-	-	57.2	-	-
Density	g cm ⁻³	1.3-1.4	1.25	1.25	1.25	1.42	1.19	0.835	1.41
Flammability		HB	-	-	-	V0	HB	HB	HB
Limiting oxygen index	%	21	-	-	-	53	17-20	17	15
Optical transmission	%	-	-	-	-	-	-	-	-
Radiation resistance		Good	-	-	-	Good	Fair	-	Poor
Refractive index		1.58-1.64	-	-	-	1.66	1.49	1.463	-
Resistance to Ultra-violet		Fair?	Fair	Fair	Fair	Poor	Good	Poor	Poor
Water absorption	%	-	-	-	-	-	-	-	-
Water absorption - equilibrium	%	< 0.7	-	-	-	-	-	-	0.6 - 0.8
Water absorption - over 24 hours	%	0.1	-	-	-	0.2-2.9	0.2	0.01	0.2 - 0.25
Electrical Properties									
Dielectric constant @1kHz		-	-	-	-	-	-	-	-
Dielectric constant @1MHz		3.0	3.0	3.0	3.0	3.4	2.6	2.12	3.7 - 4.4
Dielectric strength	kV mm ⁻¹	17	-	-	-	22	15	-	20 @ 2.3mm
Dissipation factor @ 1kHz		0.002	-	-	-	0.0018	-	0.0002	-
Dissipation factor @ 1MHz		-	-	-	-	-	0.014	-	0.006 - 0.18
Surface resistivity	Ohm/sq	10 ¹³	-	-	-	10 ¹⁶	10 ¹⁴	-	10 ¹⁵
Volume resistivity	Ohmcm	> 10 ¹⁴	10 ¹⁶	10 ¹⁶	10 ¹⁶	10 ¹⁸	2-14 x 10 ¹⁵	> 10 ¹⁶	10 ¹⁵
Thermal Properties									
Coefficient of thermal expansion	x10 ⁻⁶ K ⁻¹	20-80	-	-	-	30-60	70-77	117	80-120
Heat-deflection temperature - 0.45MPa	C	115	-	-	-	-	105	100	160
Heat-deflection temperature - 1.8MPa	C	80	-	-	-	360	95	40	110
Lower working temperature	C	-40 to -60	-	-	-	-270	-40	-20 to -40	-40
Specific heat	J K ⁻¹ kg ⁻¹	1200 - 1350	-	1400	1400	1090	1400 - 1500	2000	1500
Thermal conductivity	W m ⁻¹ K ⁻¹	0.15-0.4 @23C	-	0.15 @23C	0.15 @23C	0.10-0.35 @23C	0.17-0.19 @23C	0.17 @23C	0.23-0.3 @23C
Upper working temperature	C	115-170	95	-	-	250-320	50 to 90	75-115	80-120
Mechanical Properties									
Abrasive resistance - ASTM D1044	mg/1000 cycles	-	-	-	-	-	-	-	-
Coefficient of friction		0.2-0.4	-	-	-	0.42	-	-	-
Compression set after 24 hr at 175C	%	-	-	-	-	-	-	-	-
Compressive modulus	GPa	-	-	-	-	-	-	-	-
Compressive strength	MPa	-	-	-	-	-	-	-	-
Elongation at break	%	-	-	15	35	8-70	2.5-4	15	15 - 40
Hardness - Rockwell		M94-101	-	-	-	E52-99	M92-100	R85	M80
Izod impact strength	J m ⁻¹	13-35	35-60	100	200	80	16-32	49	70-80
Poisson's ratio		0.37- 0.44(oriented)	-	-	-	-	0.35 - 0.4	-	0.35
Tear strength	N mm ⁻¹	-	-	-	-	-	-	-	-
Tensile modulus	GPa	2-4	3.5	0.9	0.5	2.0-3.0	2.4-3.3	1.5	2.3 - 2.8
Tensile strength	MPa	80, for biax film 190-260	40	28	23	70-150	80	25.5	60-70
Chemical Resistance									
Acids - concentrated		Good-Poor	-	-	-	Poor	Good-Poor	Good-Fair	Poor
Acids - dilute		Good	Fair	Fair	Fair	Fair	Good-Poor	Good	Good-Fair
Alcohols		Good	Fair	Fair	Fair	Poor	Good-Poor	Good	Good-Fair
Alkalis		Poor	Poor	Poor	Poor	Poor	Good	Good	Good
Aromatic hydrocarbons		Good-Fair	-	-	-	Good	Poor	Fair-Poor	Good
Greases and Oils		Good	Good	Good	Good	Good	Good	Good-Fair	Good
Halogenated Hydrocarbons		Good-Poor	-	-	-	Good	Poor	Fair-Poor	Good-Poor
Halogens		Fair-Poor	-	-	-	Fair	Poor	Fair-Poor	Poor
Ketones		Good-Fair	-	-	-	Good	Poor	Good-Fair	Good - Fair

POLYMER DATA TABLE

		Polyoxy- methylene Homopoly- mer Acetal Homopoly- mer POMH	Polyoxy- methylene/ Acetal Copolymer - 10% Carbon Fibre Reinforced	Poly- phenylene- oxide modified PPO PPE	Poly- phenylene- oxide (modified) PPO 30% GFR	Polyphenyle- nesulphide - 20% Carbon Fibre Reinforced	Poly- phenylene- sulphide 40% Glass Fibre Reinforced PPS - 40% GFR	Polyphenyl- sulphone	Poly- propylene PP
Physical Properties									
Abbe number		-	-	-	-	-	-	-	-
Density	g cm ⁻³	1.42	1.43	1.06	1.29	1.41	1.66	1.29	0.9
Flammability		HB	-	HB	HB	V-0	V0	V-0	HB
Limiting oxygen index	%	15	-	20	26	-	46	44	18
Optical transmission	%	-	-	-	-	-	-	-	-
Radiation resistance		Poor	-	Good	-	-	Good	-	Fair
Refractive index		-	-	-	-	-	-	-	1.49
Resistance to Ultra-violet		Poor	-	-	-	-	Good	-	Poor
Water absorption	%	-	-	-	-	-	-	1.2	-
Water absorption - equilibrium	%	0.6 - 0.9	-	-	-	-	-	0.6	0.03
Water absorption - over 24 hours	%	0.25	<0.1	0.1-0.5	0.06-0.33	<0.05	<0.05	0.35	-
Electrical Properties									
Dielectric constant @1kHz		-	-	-	-	-	-	-	-
Dielectric constant @1MHz		3.7	-	2.7	3.1	-	3.8 - 4.2	-	2.2-2.6
Dielectric strength	kV mm ⁻¹	20	-	16-20	15	-	18	-	30-40
Dissipation factor @ 1kHz		-	-	0.004	0.01	-	-	-	-
Dissipation factor @ 1MHz		0.005	-	-	-	-	0.0013-0.004	0.005	0.0003 - 0.0005
Surface resistivity	Ohm/sq	10 ¹⁵	10 ³	2x10 ¹⁶	-	10 ³	10 ¹⁶	> 10 ¹³	10 ¹³
Volume resistivity	Ohmcm	10 ¹⁵	10 ⁴	10 ¹⁷	10 ¹⁷	10 ³	10 ¹⁶	> 10 ¹⁴	10 ¹⁶ -10 ¹⁸
Thermal Properties									
Coefficient of thermal expansion	x10 ⁻⁶ K ⁻¹	122	60	60	25-30	15	22-35	55	100-180
Heat-deflection temperature - 0.45MPa	C	170	-	137	165	-	> 260	-	100-105
Heat-deflection temperature - 1.8MPa	C	135	-	125	135	260	240	200	60-65
Lower working temperature	C	-	-	-40	-	-	-	-	-10 to -60
Specific heat	J K ⁻¹ kg ⁻¹	1500	-	-	-	-	-	-	1700 - 1900
Thermal conductivity	W m ⁻¹ K ⁻¹	0.22-0.24 @23C	0.4	0.22 @23C	0.28 @23C	0.47	0.29-0.45 @23C	0.35	0.1-0.22 @23C
Upper working temperature	C	80-120	100	80-120	90-160	220	200-260	180-210	90-120
Mechanical Properties									
Abrasive resistance - ASTM D1044	mg/1000 cycles	-	-	20	35	-	-	-	13-16
Coefficient of friction		0.2 - 0.35	-	0.35	-	-	-	-	0.1-0.3
Compression set after 24 hr at 175C	%	-	-	-	-	-	-	-	-
Compressive modulus	GPa	-	-	-	-	-	-	-	-
Compressive strength	MPa	-	-	-	-	-	-	-	-
Elongation at break	%	40 - 75	1.2	50	2-3	2	1.2	30	150-300, for biax film > 50
Hardness - Rockwell		M94	-	M78/R115	L108	-	R123	M80	R80-100
Izod impact strength	J m ⁻¹	75 - 130	-	200	80	-	75-80	-	20-100
Poisson's ratio		0.35	-	0.38	0.27	-	-	-	-
Tear strength	N mm ⁻¹	-	-	-	-	-	-	-	-
Tensile modulus	GPa	2.9 - 3.1	8	2.5	8-9	17	7.6-12.0	2.5	0.9-1.5, for biax film 2.2- 4.2,
Tensile strength	MPa	70	70	55-65	100-120	180	124-160	76	25-40, for biax film 130-300,
Chemical Resistance									
Acids - concentrated		Poor	Poor	Good-Fair	Good-Fair	Fair	Good-Poor	-	Good-Fair
Acids - dilute		Poor - Fair	Poor-Good	Good	Good	Good	Good	-	Good-Fair
Alcohols		Good-Fair	Good	Good	Good	Good	Good	-	Good
Alkalis		Poor	Fair-Good	Good	Good	Good	Good	-	Good
Aromatic hydrocarbons		Good	Good	Poor	Poor	Good	Good	-	Fair
Greases and Oils		Good	Good	Good-Poor	Good-Poor	Good	Good	-	Good-Fair
Halogenated Hydrocarbons		Good-Poor(?)	-	Fair-Poor	Fair-Poor	-	Good-Poor	-	Good-Poor
Halogens		Poor	Poor	Poor	Poor	Fair	Good-Poor	-	Poor
Ketones		Good - Fair	Good-Fair	Poor	Poor	Good	Good	-	Good

POLYMER DATA TABLE

	Polystyrene PS	Polystyrene Conductive High Impact Conductive Polystyrene	Polystyrene Cross-linked	Polysulphone	Poly-tetra-fluoro-ethylene PTFE	Poly-tetra-fluoro-ethylene coated Glass Fabric PTFE 75	Polytetra-fluoro-ethylene filled with Glass PTFE 75	Poly-vinyl-chloride Unplasticised UPVC	
Physical Properties									
Abbe number		30.8	-	-	-	-	-	-	
Density	g cm ⁻³	1.05	1.04	1.05	1.24	2.2	2.08	2.25	1.4
Flammability		HB	-	HB	HB	V0	-	V0	V0
Limiting oxygen index	%	19	-	-	30	95	-	95	42
Optical transmission	%	-	-	-	-	-	-	-	-
Radiation resistance		Good	-	Good	Good	Poor	-	-	Fair
Refractive index		1.59-1.60	-	1.59	-	1.38	-	-	1.54
Resistance to Ultra-violet		Poor	-	-	Poor	Excellent	-	Good	Good
Water absorption	%	-	-	-	0.40	-	-	-	-
Water absorption - equilibrium	%	-	-	-	0.85	-	-	-	-
Water absorption - over 24 hours	%	< 0.4	-	0.02-0.03	-	0.01	-	0.15	0.03-0.4
Electrical Properties									
Dielectric constant @1kHz		-	-	-	3.14	-	-	-	-
Dielectric constant @1MHz		2.4-3.1	-	2.5	3.10	2.0-2.1	-	2.2-2.35	2.7-3.1
Dielectric strength	kV mm ⁻¹	20	-	27-47	17	50-170	-	40	14
Dissipation factor @ 1kHz		0.0002	-	-	0.0013	-	-	0.003	0.025
Dissipation factor @ 1MHz		-	-	0.0002	0.0050	0.0003 - 0.0007	-	-	-
Surface resistivity	Ohm/sq	-	10 ² -10 ⁷	> 10 ¹⁵	-	10 ¹⁷	> 10 ¹³	10 ¹⁵	-
Volume resistivity	Ohmcm	> 10 ¹⁶	10 ² -10 ⁷	> 10 ¹⁵	5x10 ¹⁶	10 ¹⁸ -10 ¹⁹	> 10 ¹⁵	10 ¹⁶	10 ¹⁶
Thermal Properties									
Coefficient of thermal expansion	x10 ⁻⁶ K ⁻¹	30-210	-	70-90	56	100-160	-	75-100	75-100
Heat-deflection temperature - 0.45MPa	C	90	-	-	-	120	-	-	70
Heat-deflection temperature - 1.8MPa	C	80	-	-	174	54	-	-	67
Lower working temperature	C	-	-	-	-	-260	-190 to -60	-	-30
Specific heat	J K ⁻¹ kg ⁻¹	1200	-	-	-	1000	-	-	1000-1500
Thermal conductivity	W m ⁻¹ K ⁻¹	0.1-0.13 @23C	-	0.17 @23C	0.26	0.25 @23C	-	0.33-0.42 @23C	0.12-0.25 @23C
Upper working temperature	C	50-95	-	93	150-180	180-260	260	260	50-75
Mechanical Properties									
Abrasive resistance - ASTM D1044	mg/1000 cycles	-	-	60-100	-	-	-	-	-
Coefficient of friction		-	-	-	-	0.05-0.2	-	0.08-0.10	-
Compression set after 24 hr at 175C	%	-	-	-	-	-	-	-	-
Compressive modulus	GPa	-	-	-	-	-	-	-	-
Compressive strength	MPa	-	-	-	-	-	-	-	-
Elongation at break	%	1.6	36	3-5	50-100	400	-	100-300	60
Hardness - Rockwell		M60-90	-	R110-120	M91	D50-55 - Shore	-	D60-70 - Shore	R106-120
Izod impact strength	J m ⁻¹	19-24	no break	-	69	160	-	144	20-1000
Poisson's ratio		0.35	-	-	-	0.46	-	-	-
Tear strength	N mm ⁻¹	-	-	-	-	-	-	-	-
Tensile modulus	GPa	2.3-4.1	1.6	1.65	2.48	0.3-0.8	-	1.7	2.5-4.0
Tensile strength	MPa	30-100	27	55-70	70	10-40	-	7-20	25-70
Chemical Resistance									
Acids - concentrated		Fair-Poor	-	Fair-Poor	Fair	Good	Poor	Poor	Good-Poor
Acids - dilute		Good-Fair	-	Good(-Fair?)	Good	Good	Good	Good	Good
Alcohols		Good-Fair	-	Good(-Fair?)	Good	Good	Good	Good	Good
Alkalis		Good-Fair	-	Good-Fair	Good	Good	Good-Fair	Good-Fair	Good
Aromatic hydrocarbons		Poor	-	Poor	Fair	Good	Good	Good	Poor
Greases and Oils		Good-Poor	-	Fair-Poor	Good	Good	Good	Good	Good
Halogenated Hydrocarbons		Poor	-	Poor	-	Good	Good	Good	Fair-Poor
Halogens		Poor	-	Poor	Good	Good	Fair	Good	Fair
Ketones		Poor	-	Poor	Poor	Good	Good	Good	Poor

POLYMER DATA TABLE

	Polyvinyl-fluoride	Poly-vinyl-idene-chloride PVDC	Poly-vinyl-idene-fluoride PVDF	Silicone Elastomer	TPE - 50% Leather Fibre Filled	Tetrafluoroethylene-perfluoro(alkoxy vinyl ether) - Copolymer	Vectra A [®] - 15% Glass Fibre Reinforced	Vectra A [®] - 30% Glass Fibre Reinforced	
Physical Properties									
Abbe number		-	-	-	-	-	-	-	
Density	g cm ⁻³	1.37-1.39	1.63	1.76	1.1 - 1.5	1.02-1.05	2.15	1.50	1.62
Flammability		V0	-	V0	-	-	V0	V-0	UL94 V-0
Limiting oxygen index	%	35	60	44	-	-	> 95%	-	45
Optical transmission	%	-	-	-	-	-	-	-	-
Radiation resistance		-	Fair	Fair	Poor	-	-	Good	Good
Refractive index		1.46	-	1.42	-	-	1.35	-	-
Resistance to Ultra-violet		Excellent	Poor	Excellent	-	-	-	Good	Good
Water absorption	%	-	-	-	-	-	< 0.03	-	-
Water absorption - equilibrium	%	-	-	-	-	1-3	-	-	0.04
Water absorption - over 24 hours	%	0.05	0.1	0.04	-	-	-	-	0.005
Electrical Properties									
Dielectric constant @1kHz		8	-	-	-	-	2.05-2.06	-	-
Dielectric constant @1MHz		-	3.0-6.0	8.4	-	-	2.05-2.06	3.0	4.1
Dielectric strength	kV mm ⁻¹	20	-	13	-	-	-	34	-
Dissipation factor @ 1kHz		0.04	-	0.06	-	-	0.0001-0.0002	-	-
Dissipation factor @ 1MHz		-	-	-	-	-	0.0008	0.018	0.018
Surface resistivity	Ohm/sq	-	10 ¹² -10 ¹³	10 ¹³	-	-	-	10 ¹³	> 10 ¹⁵
Volume resistivity	Ohmcm	10 ¹³	10 ¹² -10 ¹⁶	10 ¹⁴	-	-	-	> 10 ¹⁵	10 ¹³
Thermal Properties									
Coefficient of thermal expansion	x10 ⁻⁶ K ⁻¹	50-97	190	80-140	-	-	76-78	5-18	3-10
Heat-deflection temperature - 0.45MPa	C	120	-	120-150	-	-	63-80	-	250
Heat-deflection temperature - 1.8MPa	C	80	-	80-115	-	-	48-50	230	235
Lower working temperature	C	-70	-	-40	-70 to -50	-	-	-	-
Specific heat	J K ⁻¹ kg ⁻¹	1000 - 1800	-	-	1300 - 1500	-	-	-	-
Thermal conductivity	W m ⁻¹ K ⁻¹	-	0.13 @23C	0.1-0.25 @23C	-	-	0.19	-	-
Upper working temperature	C	150 - 200	80-100	135-150	200-260	-	260	200-220	200-220
Mechanical Properties									
Abrasive resistance - ASTM D1044	mg/1000 cycles	-	-	24	-	-	-	-	-
Coefficient of friction		-	0.24	0.2-0.4	-	-	-	-	-
Compression set after 24 hr at 175C	%	-	-	-	-	-	-	-	-
Compressive modulus	GPa	-	-	-	-	-	-	10	-
Compressive strength	MPa	-	-	-	-	-	-	85	-
Elongation at break	%	90-250	-	50	-	5-120	300	3.1	1.1
Hardness - Rockwell		D80 - Shore	R98-106	R77-83	60 degrees Shore A	40-80 Shore A	-	M80	M93
Izod impact strength	J m ⁻¹	180	16-53	120-320	-	-	-	-	-
Poisson's ratio		0.4	-	0.34	-	-	-	-	-
Tear strength	N mm ⁻¹	130-200 (initial)	-	-	-	-	-	-	-
Tensile modulus	GPa	2.1 - 2.6	0.3-0.55	1.0-3.0	-	-	-	12	22
Tensile strength	MPa	55-110	25-110	25-60	6.5	1-10	25	200	160
Chemical Resistance									
Acids - concentrated		-	Good-Fair	Good	Good-Poor	-	Excellent	Fair	-
Acids - dilute		-	Good	Good	Good-Poor	-	Excellent	Good	Good
Alcohols		-	Good	Good	Good-Fair	-	Excellent	Good	Good
Alkalis		-	Good	Fair	Good-Fair	-	Excellent	Fair	Fair
Aromatic hydrocarbons		-	Fair	Good	Poor	-	Excellent	Good	Good
Greases and Oils		-	Good	Good	Good-Poor	-	Excellent	Good	Good
Halogenated Hydrocarbons		-	-	Good-Fair	Poor	-	-	-	-
Halogens		-	-	Good-Poor	Poor	-	Excellent	-	-
Ketones		-	Fair	-	Poor	-	Excellent	Good	Good

POLYMER DATA TABLE

		Vectra A [®] Liquid Crystal Polyester	Vectra B [®] - 30% Glass Fibre Reinforced	Vectra B [®] Liquid Crystal Polyester/amide copolymer
Physical Properties				
Abbe number		-	-	-
Density	g cm ⁻³	1.40	1.60	1.40
Flammability		V0 @ 0.8mm	V-0	V0 @ 0.4mm
Limiting oxygen index	%	35	50	50
Optical transmission	%	-	-	-
Radiation resistance		Good	Good	Good
Refractive index		-	-	-
Resistance to Ultra-violet		Good	Good	Good
Water absorption	%	-	-	-
Water absorption - equilibrium	%	0.03	0.08	0.1
Water absorption - over 24 hours	%	0.02	0.009	0.03
Electrical Properties				
Dielectric constant @1kHz		-	-	-
Dielectric constant @1MHz		3.0	3.5	3.1
Dielectric strength	kV mm ⁻¹	47 @ 1.5mm	38	37 @ 1.5mm
Dissipation factor @ 1kHz		-	-	-
Dissipation factor @ 1MHz		0.02	0.008	0.01
Surface resistivity	Ohm/sq	4x10 ¹³	> 10 ¹⁵	-
Volume resistivity	Ohmcm	10 ¹⁶	10 ¹³	10 ¹⁶
Thermal Properties				
Coefficient of thermal expansion	x10 ⁻⁶ K ⁻¹	-5 to +75	3-13	-5 to +40
Heat-deflection temperature - 0.45MPa	C	220	-	-
Heat-deflection temperature - 1.8MPa	C	180	235	200
Lower working temperature	C	-200	-	-
Specific heat	J K ⁻¹ kg ⁻¹	1000	1626	1000
Thermal conductivity	W m ⁻¹ K ⁻¹	0.18 @23C	-	0.18 @23C
Upper working temperature	C	200-220	200-220	-
Mechanical Properties				
Abrasive resistance - ASTM D1044	mg/1000 cycles	56	-	-
Coefficient of friction		0.12-0.14	-	-
Compression set after 24 hr at 175C	%	-	-	-
Compressive modulus	GPa	-	21.5	-
Compressive strength	MPa	70	150	84
Elongation at break	%	3	1.0	1.3
Hardness - Rockwell		M60	M100	M100
Izod impact strength	J m ⁻¹	520	-	415
Poisson's ratio		-	-	-
Tear strength	N mm ⁻¹	-	-	-
Tensile modulus	GPa	2-10	22	2.5-20
Tensile strength	MPa	55-165	205	87-188
Chemical Resistance				
Acids - concentrated		Good-Poor	Fair	Good-Poor
Acids - dilute		Good	Good	Good
Alcohols		Good	Good	Good
Alkalis		Good-Fair	Fair	Fair
Aromatic hydrocarbons		Good	Good	Good
Greases and Oils		Good	Good	Good
Halogenated Hydrocarbons		Good(?)	-	-
Halogens		Good	-	-
Ketones		Good	Good	Good

CERAMIC DATA TABLE

		Alúmina Al ₂ O ₃	Alúmina Silicato de SiO ₂ 53/ Al ₂ O ₃ 47	Alúmina/ Sílice Al ₂ O ₃ 80 / SiO ₂ 20	Alumina/ Sílice Al ₂ O ₃ 96 / SiO ₂ 4 Saffil [®]	Alumina/ Sílice/ Boro- Oxido de Al ₂ O ₃ 70 / SiO ₂ 28	Alúmina/ Sílice/ Oxido bórico Al ₂ O ₃ 62 / SiO ₂ 24	Aluminio - Nitruro de AlN
Physical Properties								
Apparent porosity	%	0	-	-	-	-	0	-
Density	g cm ⁻³	3.9	2.7	3.1	3.3-3.5	3.05	2.7	3.33
Refractive index		-	-	-	-	1.62	1.57	-
Transmission - Ultra-violet		-	-	-	-	-	-	-
Transmission - Visible light		-	-	-	-	-	-	-
Useful optical transmission range		-	-	-	-	-	-	500-3000nm
Water absorption - saturation	%	0	-	-	-	-	0	0
Electrical Properties								
Dielectric constant		9.0-10.1	-	-	-	5.7 @ 9.4GHz	5.2 @ 9.4GHz	9.2
Dielectric strength	kV mm ⁻¹	10-35	-	-	-	-	-	35
Volume resistivity	Ohmcm	> 10 ¹⁴ @25C	-	-	-	-	-	> 10 ¹³ @25C
Thermal Properties								
Coefficient of thermal expansion	x10 ⁻⁶ K ⁻¹	8.0 @20-1000C	-	-	-	5 @20-1000C	3 @20-1000C	4.4 @20-1000C
Melting point	C	2100	1790	-	2000	-	-	2200
Specific heat	J K ⁻¹ kg ⁻¹	850-900 @25C	1050 @1090C	-	1000 @25C	1000 @500C	1100 @25C	800 @25C
Sublimation point	C	-	-	-	-	1800	1800	2500
Thermal conductivity	W m ⁻¹ K ⁻¹	26-35 @20C	-	-	-	-	-	175 - 190 @20C
Upper continuous use temperature	C	1700	1260	1600	1600	1350-1650	1200-1400	1000-1800
Mechanical Properties								
Compressive strength	MPa	2200-2600	-	-	-	-	-	-
Fracture toughness	MPam(0.5)	-	-	-	-	-	-	-
Hardness - Knoop	kgf mm ⁻²	2100	-	-	-	-	-	-
Hardness - Vickers	kgf mm ⁻²	1500-1650	-	-	-	-	-	1100
Poisson's ratio		-	-	-	-	-	-	-
Shear strength	MPa	330	-	-	-	-	-	450
Tensile modulus	GPa	300-400	-	-	100-300	185	140	-
Tensile strength	MPa	-	-	-	-	-	-	-
Chemical Resistance								
Acids - concentrated		Good	Fair-Good	-	Good	Fair	Fair	Poor
Acids - dilute		Good	Good	-	Good	Good	Good	Fair
Alkalis		Good	Fair	-	Good	Poor-Fair	Poor-Fair	Fair
Halogens		Good	-	-	Good	-	-	-
Metals		Good	-	-	Good	-	Good	Good

CERAMIC DATA TABLE

		Aluminium Nitride Shapal-M	Alumino-silicate Glass	Berilio Oxido de BeO 99.5%	Boron Carbide B ₄ C	Boro - Carburo de B ₄ C	Boro - Nitruro de BN	Cerámica Lixiviable SiO ₂ 50 / ZrSiO ₄ 40 / Al ₂ O ₃ 10
Physical Properties								
Apparent porosity	%	0	45	0	-	<3	2-15	25
Density	g cm ⁻³	2.95	2.65	2.86	2.52	2.45-2.52	1.9-2.2	2.1
Refractive index		-	1.54	-	-	-	-	-
Transmission - Ultra-violet		-	-	-	-	-	-	-
Transmission - Visible light		-	-	-	-	-	-	-
Useful optical transmission range		-	-	-	-	-	-	-
Water absorption - saturation	%	-	-	0.07	-	-	-	14
Electrical Properties								
Dielectric constant		7.3	-	6.5-7.5	-	-	4.3	-
Dielectric strength	kV mm ⁻¹	40	-	10-14	-	-	40-200	-
Volume resistivity	Ohmcm	1.8 x 10 ¹³ @25C	-	> 10 ¹⁴ @25C	-	0.1-10 @25C	10 ¹¹ -10 ¹⁴ @25C	-
Thermal Properties								
Coefficient of thermal expansion	x10 ⁻⁶ K ⁻¹	5.2 @20-1000C	5 @20-1000C	8.4-9.0 @20-1000C	-	5.6 @20-1000C	1.0-36 @20-1000C	1.98 @20-1000C
Melting point	C	-	-	-	2450	2450	-	-
Specific heat	J K ⁻¹ kg ⁻¹	-	-	1020-1120 @25C	-	950 @25C	800-2000 @25C	-
Sublimation point	C	-	-	-	-	-	2600-2800	-
Thermal conductivity	W m ⁻¹ K ⁻¹	100 @20C	-	260-300 @20C	-	30-90 @20C	15-50 @20C	-
Upper continuous use temperature	C	1000 - 1900	900	1800-1900	600-800	600-800	950-2500	1050
Mechanical Properties								
Compressive strength	MPa	1000	-	1550-1850	200-300	1400-3400	30-120	-
Fracture toughness	MPam(0.5)	-	-	-	-	-	-	-
Hardness - Knoop	kgf mm ⁻²	-	-	-	-	2800-3500	-	-
Hardness - Vickers	kgf mm ⁻²	560	-	1100-1300	-	3200	-	-
Poisson's ratio		-	-	-	-	-	-	-
Shear strength	MPa	-	-	180-250	-	-	12-25	-
Tensile modulus	GPa	160	-	340-400	-	440-470	20-35	-
Tensile strength	MPa	-	-	-	-	-	-	-
Chemical Resistance								
Acids - concentrated		-	Fair	Poor	-	Fair	Fair	Fair
Acids - dilute		Fair	Good	Fair	-	Good	Fair	Fair
Alkalis		Poor	Good	Fair	-	Fair	Fair	Poor
Halogens		-	-	Fair	-	Fair	Poor	Fair
Metals		-	-	Good	-	Fair	Good	Good

CERAMIC DATA TABLE

		Cerámica de Vidrio Labrable	Magnesium oxide	Potassium Alumino-silicate Muscovite Mica	Cuarzo Fundido SiO ₂ 99.9%	Rubí Al ₂ O ₃ 98.8/ Cr ₂ O ₃ 0.9/	Zafiro Al ₂ O ₃ 99.9%	Silica SiO ₂ 96%
Physical Properties								
Apparent porosity	%	0	< 1%	-	0	0	0	0
Density	g cm ⁻³	2.52	3.40	2.6-3.2	2.2	3.98	3.985	2.18
Refractive index		-	-	1.5-1.6	1.46	-	1.71-1.79	1.46
Transmission - Ultra-violet		-	-	-	-	-	-	-
Transmission - Visible light		-	-	-	-	-	-	-
Useful optical transmission range		-	-	450-700nm	180-2500nm	150-5500nm	200-5500nm	365-2500nm
Water absorption - saturation	%	-	-	Very Low	0	0	0	0
Electrical Properties								
Dielectric constant		5.9	-	6.0-6.6	3.8	7.5-11.5	7.5-11.5	3.8
Dielectric strength	kV mm ⁻¹	40	-	40-200	25-40	15-50	15-50	-
Volume resistivity	Ohmcm	> 10 ¹⁴ @25C	-	10 ¹² @25C	10 ¹⁸ @25C	10 ¹⁴ @25C	> 10 ¹⁴ @25C	10 ¹⁴ @25C
Thermal Properties								
Coefficient of thermal expansion	x10 ⁻⁶ K ⁻¹	13 @20-1000C	-	9-36 @20-1000C	0.54 @20-1000C	5.8 @20-1000C	5.8 @20-1000C	0.5-0.75 @20-1000C
Melting point	C	-	-	-	1715	2050	2050	1715
Specific heat	J K ⁻¹ kg ⁻¹	790 @25C	-	50 @25C	670-740 @25C	750 @25C	750 @25C	750 @25C
Sublimation point	C	-	-	-	-	-	-	-
Thermal conductivity	W m ⁻¹ K ⁻¹	1.5 @20C	-	0.5-7 @20C	1.46 @20C	35-40 @20C	35-40 @20C	1.2-1.4 @20C
Upper continuous use temperature	C	800-1000	2200	500-600	1100-1400	1800-1950	1800-1950	900-1200
Mechanical Properties								
Compressive strength	MPa	345	-	190-280	1100	2100	2100	-
Fracture toughness	MPam(0.5)	-	-	-	-	-	-	-
Hardness - Knoop	kgf mm ⁻²	-	-	-	820	2000	2000	-
Hardness - Vickers	kgf mm ⁻²	400	-	2-3	1000	2500-3000	1600-1800	490
Poisson's ratio		-	-	-	-	-	-	-
Shear strength	MPa	-	-	215-265	70	-	-	-
Tensile modulus	GPa	67	-	-	72-74	350-390	350-390	65-75
Tensile strength	MPa	-	-	-	-	-	-	-
Chemical Resistance								
Acids - concentrated		Poor	-	Fair	Good	Good	Good	Good
Acids - dilute		Fair	-	Good	Good	Good	Good	Good
Alkalis		Fair	-	Good	Fair	Good	Good	Fair
Halogens		-	-	-	Good	Good	Good	Good
Metals		-	Good	-	Fair	Good	Good	Fair

CERAMIC DATA TABLE

		Silicon Carbide SiC	Silicon Carbide Hot-pressed SiC	Silicon Carbide Reaction Bonded SiC	Silicon Nitride Si ₃ N ₄	Silicon Nitride Hot-pressed Si ₃ N ₄	Silicon Nitride Reaction Bonded Si ₃ N ₄	Silicon Nitride/Aluminium Nitride/Oxide Sialon [®]
Physical Properties								
Apparent porosity	%	-	0	0	-	0	15-23	0.01
Density	g cm ⁻³	3.2	3.15	3.10	3.44	3.11	2.4	3.24
Refractive index		-	-	-	-	-	-	-
Transmission - Ultra-violet		-	-	-	-	-	-	-
Transmission - Visible light		-	-	-	-	-	-	-
Useful optical transmission range		-	-	-	-	-	-	-
Water absorption - saturation	%	-	-	-	-	-	-	-
Electrical Properties								
Dielectric constant		-	40	-	-	10	10	-
Dielectric strength	kV mm ⁻¹	-	-	-	-	-	-	-
Volume resistivity	Ohmcm	-	10 ³ -10 ⁵ @25C	10 ² -10 ³ @25C	-	10 ¹² -10 ¹⁵ @25C	> 10 ⁷ @25C	10 ¹² -10 ¹⁷ @25C
Thermal Properties								
Coefficient of thermal expansion	x10 ⁻⁶ K ⁻¹	-	4.5 @20-1000C	4.3-4.6 @20-1000C	-	3.3 @20-1000C	3.3 @20-1000C	3.3-3.7 @20-1000C
Melting point	C	2650-2950	2650-2950	-	-	-	-	-
Specific heat	J K ⁻¹ kg ⁻¹	-	670-710 @25C	1100 @25C	-	680-800 @25C	690 @25C	620-710 @25C
Sublimation point	C	-	-	-	1900	1900	-	-
Thermal conductivity	W m ⁻¹ K ⁻¹	-	90-160 @20C	150-200 @20C	-	15-43 @20C	10-16 @20C	20 @20C
Upper continuous use temperature	C	-	1500-1650	1350	-	1100-1650	1200-1500	1000
Mechanical Properties								
Compressive strength	MPa	-	1000-1700	2000-3500	-	2000-3500	550-650	> 3500
Fracture toughness	MPam(0.5)	-	-	-	-	-	-	-
Hardness - Knoop	kgf mm ⁻²	-	-	-	-	-	-	-
Hardness - Vickers	kgf mm ⁻²	2500	2400-2800	2500-3500	-	1700-2200	800-1000	1650-1800
Poisson's ratio		-	-	-	-	-	-	-
Shear strength	MPa	-	210-380	-	-	480-960	190-240	-
Tensile modulus	GPa	-	200-500	410	-	280-310	170-220	280-300
Tensile strength	MPa	-	-	-	-	-	-	-
Chemical Resistance								
Acids - concentrated		-	Good	Good	-	Fair	Fair	Good
Acids - dilute		-	Good	Good	-	Good	Good	Good
Alkalis		-	Good-Poor	Fair	-	Good-Poor	Fair	Fair
Halogens		-	Good-Poor	Fair	-	Good	Good	-
Metals		-	Fair	Fair	-	Fair	Fair	-

CERAMIC DATA TABLE

		Titanium Diboride TiB ₂	Titanium Dioxide TiO ₂ 99.6%	Tungsten Carbide/ Cobalt WC 94/ Co 6	Yttrium Oxide Y ₂ O ₃	Zirconia stabilised with Magnesia ZrO ₂ / MgO	Zirconia stabilised with Yttria ZrO ₂ / Y ₂ O ₃	Circonia no estab- ilizada ZrO ₂ 99%
Physical Properties								
Apparent porosity	%	-	0	-	-	0	-	-
Density	g cm ⁻³	4.5	4.05	14.95	5.03	5.74	5.9	6.1
Refractive index		-	-	-	-	-	-	-
Transmission - Ultra-violet		-	-	-	-	-	-	-
Transmission - Visible light		-	-	-	-	-	-	-
Useful optical transmission range		-	-	-	-	-	-	-
Water absorption - saturation	%	-	-	-	-	0	-	-
Electrical Properties								
Dielectric constant		-	80-100	-	-	-	-	-
Dielectric strength	kV mm ⁻¹	-	-	-	-	-	-	-
Volume resistivity	Ohmcm	15 @25C	10 ¹³ -10 ¹⁸ @25C	2x10 ⁻⁶ @25C	-	-	-	-
Thermal Properties								
Coefficient of thermal expansion	x10 ⁻⁶ K ⁻¹	6-7 @20-1000C	8-10 @20-1000C	4.6-5.0 @20-1000C	8.1 @20-1000C	5-10 @20-1000C	10 @20-1000C	-
Melting point	C	3000	1850	-	2400	-	2700	2650
Specific heat	J K ⁻¹ kg ⁻¹	-	-	200-480 @25C	-	400-500 @25C	400-500 @25C	-
Sublimation point	C	-	-	-	-	-	-	-
Thermal conductivity	W m ⁻¹ K ⁻¹	50-70 @20C	2.5-5.0 @20C	60-80 @20C	8-12 @20C	1.5-2.5 @20C	2.5 @20C	-
Upper continuous use temperature	C	1000-2000	-	-	-	1000	2200	2200
Mechanical Properties								
Compressive strength	MPa	-	800-1000	5300-7000	-	1500-2000	2000	-
Fracture toughness	MPam(0.5)	-	-	-	-	-	-	-
Hardness - Knoop	kgf mm ⁻²	-	-	-	-	-	-	-
Hardness - Vickers	kgf mm ⁻²	3000	980	1550	-	1200	1250	-
Poisson's ratio		0.18-0.20	-	-	-	-	-	-
Shear strength	MPa	300-600	-	-	-	414	-	-
Tensile modulus	GPa	520-570	250-300	600	-	200	200	-
Tensile strength	MPa	-	-	-	-	-	-	-
Chemical Resistance								
Acids - concentrated		Fair	Fair	-	-	Fair	-	-
Acids - dilute		Good	Good	-	-	Good	-	-
Alkalis		Fair	Poor	-	-	Good-Poor	-	-
Halogens		Good	-	-	-	Fair	-	-
Metals		Good	Poor	-	-	Good-Fair	-	-

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.. Holmium(Ho)	30	.. Titanium/Aluminium/Vanadium(Ti90/Al 6/V 4)	96
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.. Inconel [®] alloy 600 - Heat Resisting Alloy(Ni72/Cr16/Fe 8)	88	.. Tungsten/Copper(W 60/Cu40)	97
.. Inconel [®] alloy 718 - Heat Resisting Alloy(Ni53/Fe19/Cr19/Nb/Mo/Ti)	86	.. Tungsten/Rhenium(W 74/Re26)	97
.. Indium(In)	31	.. Tungsten/Rhenium(W 75/Re25)	97
.. Invar [®] - Controlled Expansion Alloy(Fe64/Ni36)	78	.. Tungsten/Rhenium(W 95/Re 5)	97
.. Iridium(Ir)	32	.. Tungsten/Rhenium(W 97/Re 3)	98
.. Iron(Fe)	33	.. Uranium(U)	63
.. Iron/Boron/Silicon(Fe77.5/B 15/Si 7.5)	79	.. Vanadium(V)	64
.. Iron/Nickel(Fe50/Ni50)	77	.. Ytterbium(Yb)	64
.. Iron/Nickel(Fe52/Ni48)	77	.. Yttrium(Y)	64
.. Lead(Pb)	35	.. Zinc(Zn)	65
.. Lead/Tin(Pb75/Sn25)	93	.. Zirconium(Zr)	66
.. Magnesium(Mg)	37	Wollaston wire	
.. Magnetic Copper(Cu99.96/Fe 0.04)	77	.. PT005101	47
.. Manganin [®] - Resistance Alloy(Cu86/Mn12/Ni 2)	75	.. PT005102	47
.. Molybdenum(Mo)	38	.. PT005103	47
.. Molybdenum/Rhenium(Mo52.5/Re47.5)	85	.. PT005105	47
.. Monel [®] alloy 400(Ni65/Cu33/Fe 2)	87	.. PT005106	47
.. Neodymium(Nd)	40	.. PT005109	47
.. Nickel(Ni)	41	.. PT015105	94
.. Nickel/Chromium(Ni80/Cr20)	90	Woods Metal	71
.. Nickel/Iron(Ni70/Fe30)	88		
.. Nickel/Iron(Ni80/Fe20)	91	X	
.. Nickel/Iron/Molybdenum(Ni80/Fe15.5/Mo 4.5)	90	Xydar	134
.. Nickel/Titanium(Ni55/Ti45)	86		
.. Niobium(Nb)	44	Y	
.. Niobium/Titanium(Nb52/Ti48)	85	Y	64
.. Niobium/Zirconium(Nb99/Zr 1)	85	Yb	64
.. Palladium(Pd)	46	Ytterbium	64
.. Palladium/Silver(Pd70/Ag30)	93	Yttrium	64
.. Phosphor Bronze(Cu94/Sn 6)	75	Yttrium Oxide	112
.. Platinum(Pt)	47		
.. Platinum/Iridium(Pt70/Ir30)	93	Z	
.. Platinum/Iridium(Pt75/Ir25)	93	Zinc	64
.. Platinum/Iridium(Pt80/Ir20)	94	Zinc Arsenide	103
.. Platinum/Iridium(Pt90/Ir10)	94	Zinc Oxide	103
.. Platinum/Rhodium(Pt70/Rh30)	93	Zinc Oxide/Aluminium Oxide	112
.. Platinum/Rhodium(Pt87/Rh13)	94	Zinc Selenide	103
.. Platinum/Rhodium(Pt90/Rh10)	94	Zinc Sulphide	103
.. Platinum/Rhodium(Pt94/Rh 6)	95	Zinc/Aluminium	98
.. Platinum/Tungsten(Pt92/W 8)	95	Zinc/Copper	98
.. Praseodymium(Pr)	49	Zinc/Nickel	98
.. Rhenium(Re)	49	Zirconia - stabilised with Magnesia	112
.. Rhodium(Rh)	50	Zirconia - stabilised with Yttria	112
.. Silver(Ag)	52	Zirconia - unstabilised	113
.. Silver/Antimony(Ag99/Sb 1)	68	Zirconium	66
.. Silver/Copper(Ag72/Cu28)	68	Zirconium Boride	104
.. Stainless Steel - AISI 302(Fe/Cr18/Ni 8)	80	Zirconium Carbide	104
.. Stainless Steel - AISI 304(Fe/Cr18/Ni10)	81	Zirconium Hydride	104
.. Stainless Steel - AISI 316(Fe/Cr18/Ni10/Mo 3)	82	Zirconium Nitride	104
.. Stainless Steel - AISI 316L(Fe/Cr18/Ni10/Mo 3)	83	Zirconium/Aluminium	99
.. Stainless Steel - AISI 410(Fe/Cr12.5)	84	Zirconium/Nickel	99
.. Stainless Steel - AISI 420(Fe86.7/Cr13.0/C 0.3)	84	Zirconium/Vanadium	98
.. Superconducting Composite Wire(Nb/Ti + Cu)	85	Zn	64
.. T1 - Thermocouple Alloy(Ni90/Cr10)	91	ZnO	103
.. T2 - Thermocouple Alloy(Ni95/(Al + Mn + Si) 5)	92	Zn50/Al50	98
.. Tantalum(Ta)	55	Zn90/Ni10	98
.. Terbium(Tb)	56	Zn95/Cu 5	98
.. Thoriated Tungsten(W 99.4/Th 0.6)	98	ZnS	103
.. Thoriated Tungsten(W 99/Th 1)	98	ZnSe	103
.. Thorium(Th)	57	Zr	66
.. Thulium(Tm)	57	Zr56.5/V 43.5	98
.. Tin(Sn)	58	Zr70/Ni30	99
.. Tin/Silver(Sn96/Ag 4)	95	Zr90/Al10	99
.. Tinned Copper(CuSn)	77	ZrC	104

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