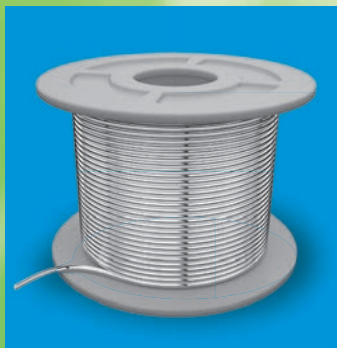
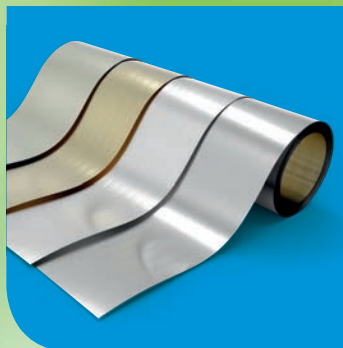


# chemPUR

*Your Partner for Chemistry & Physics*



## High Pure Metals & Elements



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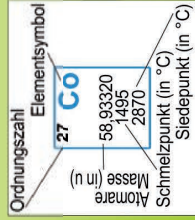
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## Wir schaffen Verbindungen

www.chempur.de



# ChemPUR: Wir schaffen Verbindungen

Reinmetalle und Feinchemikalien für die Forschung und Entwicklung, Synthese und Analytik – alles aus einer Hand, natürlich von ChemPUR.

Die ChemPUR Feinchemikalien und Forschungsbedarf GmbH wurde 1988 zunächst unter dem Firmennamen Heraeus Feinchemikalien und Forschungsbedarf GmbH als Tochterfirma der W.C. Heraeus GmbH Hanau gegründet, seit 1996 agieren wir als eigenständige GmbH. Heute zählen wir mit unserem Angebot von über 4.000 Metallen, Elementen und anorganischen Spezialchemikalien sowie mehr als 150.000 organischen Zwischenprodukten zu den namhaftesten Anbietern für Forschungsmaterialien.

Reine und hochreine Metalle in sämtlichen verfügbaren Formen, Aufdampfmateriale, Sputtertargets, anorganische Spezialchemikalien bis hin zur höchsten Reinheitsstufe, Edelmetallverbindungen,

Katalysatoren, Seltenerdverbindungen, Nanopulver sowie Laborgeräte und Halbzeuge aus Platin und Platinlegierungen finden Sie in unserem umfassenden Lieferprogramm.

Doch sind es nicht nur die vielseitigen Produkte, die uns zu einem einmaligen Partner für Sie machen: Über 30 Jahre Erfahrung verbunden mit dem unternehmensweit gelebten Qualitätsmanagement nach ISO 9001:2015 garantieren unseren Kunden ein Höchstmaß an Leistung und Service. Freundliche und fachkundige Beratung, persönlicher Kontakt und die Flexibilität eines mittelständischen Unternehmens sind unsere Stärken für Ihren individuellen Bedarf.

Wir freuen uns auf Sie!

# ChemPUR: We create Connections

Pure Metals and Fine Chemicals for research and development, synthesis and analytics – all from ChemPUR “Your One-Step Source to Success”.

In 1988, ChemPUR Feinchemikalien und Forschungsbedarf GmbH was founded as a subsidiary of W.C. Heraeus GmbH of Hanau, originally under the company name Heraeus Feinchemikalien und Forschungsbedarf GmbH – since 1996 ChemPUR exists as an independent GmbH (German limited company). Today we are among the most renowned providers of fine chemicals for research and development, supplying more than 4,000 metals, elements and inorganic fine chemicals.

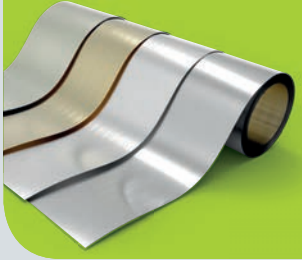
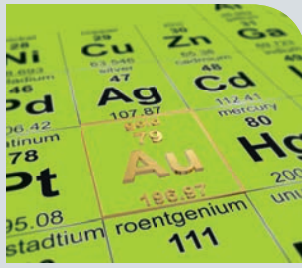
Our delivery program includes pure and high-purity metals in all available forms, evaporation materials, sputtering targets from metallic and non-metallic materials, inorganic speciality chemicals up to the highest level of purity, precious metal compounds, catalysts, rare earth compounds and Nanopowders as well as laboratory equipment and semi-finished products made from platinum and platinum alloys.

But it is not just our portfolio of unequalled depth and range that makes us to a unique partner: More than 30 years of experience combined with a vivid quality management certified to ISO 9001:2015, guarantees maximum performance and service to our customers.

Friendly expert advice, personal contact and flexibility of a mid-sized company are our strengths for your individual demands.

We look forward to seeing you!





## Reinmetalle

Wir überzeugen durch unsere breit gefächerte Produktpalette an hochreinen und höchstreinen Elementen, Metallen und Legierungen für die Materialforschung. Sie erhalten unsere Produkte in folgenden Lieferformen, aber auch als Sonderanfertigung:

- Pulver und Nanopulver
- Granulate und Späne
- Pellets und Presslinge
- Stücke und Barren
- Drähte und Netze
- Stäbe und Rohre
- Folien und Bleche
- Sputtertargets und Ronden
- Tiegel, Schalen und Elektroden

## Aufdampfmaterialien und Sputtertargets

Für die PVD-Dünnschichttechnik bieten wir unsere Bedampfungsmaterialien in den verschiedensten Formen und Qualitäten an – als Granulat, Späne, Tabletten, Drähte und Pulver, als Reinmetall, Legierung, Oxid, Sulfid oder Fluorid.

Die Sputtertargets werden bei uns gießtechnisch oder pulvermetallurgisch auch gerne entsprechend kundenspezifischer

Vorgaben hergestellt. Natürlich gehören das metallische Bonden sowie die Fertigung von Rückplatten zu unseren ergänzenden Liefermöglichkeiten.

## Nanopulver

Metallische, oxidische, nitridische sowie kohlenstoffbasierte Nanopartikel sind bei uns in verschiedenen Formen, Partikelgrößen und Reinheiten erhältlich, von kleinsten Gramm-Einheiten bis hin zu Semibulk-Mengen.

## Anorganische Chemikalien

Bei ChemPUR finden Sie ein weitreichendes Spektrum an hoch- bis höchstreinen anorganischen und metallorganischen Substanzen. Als besondere Stärken gelten hierbei die Edelmetall- und Seltenerdverbindungen, des Weiteren verfügen wir über eine umfassende Auswahl an homogenen und heterogenen Edelmetall-Katalysatoren. Zudem bieten wir auch eigene Synthesemöglichkeiten außerhalb des Standardlieferprogramms an.



### **Pure Metals**

We impress with our wide-ranging product portfolio of high-purity and ultra-pure elements, metals and alloys for materials research. Our products are available in the following delivery forms but also as custom-made products:

- Powders and Nanopowders
- Granules and Chips
- Pellets and Tablets
- Pieces, Bars and Ingots
- Wires, Thermocouple Wires and Gauzes
- Rods and Tubes
- Foils and Sheets
- Sputtering Targets and Circular Blanks
- Crucibles, Dishes and Electrodes

### **Evaporation Materials and Sputtering Targets**

For material research in the area of PVD thin-film technology, we provide high purity evaporation materials in the most varied forms and qualities – as granules, chips, tablets, wires and powders, as pure metal, alloy, oxide, sulphide or fluoride. We produce our sputtering targets in a casting process or by means of powder metallurgy, and also in

accordance with your requirements.

Of course, our delivery options also include metallic bonds and the production of back plates.

### **Nanopowders**

ChemPUR provides a wide selection of metallic, oxidic, nitridic and carbon-based Nanopowders in various forms, particle sizes and purities. Our nanoparticles are available both on a laboratory scale and semibulk scale.

### **Inorganic Chemicals**

ChemPUR has an extensive range of high purity to ultra-pure inorganic and organometallic substances.

Precious metal and rare earth compounds are amongst our particular strengths, furthermore we offer a wide range of homogeneous and heterogeneous precious-metal catalysts.

Regarding other not-listed chemicals we would be happy to offer you our own synthesis options.



# Korngröße Umrechnungstabelle/ Mesh Size Conversion Table

Sieve Size Mesh	Particle Size		
	Micron	mm	Inches
4	4760	4.76	0.185
5	4000	4.00	0.1570
6	3350	3.35	0.1320
7	2820	2.82	0.1110
8	2380	2.38	0.0937
10	2000	2.00	0.0787
12	1680	1.68	0.0661
14	1410	1.41	0.0555
16	1190	1.19	0.0469
18	1000	1.00	0.0394
20	841	0.841	0.0331
25	707	0.707	0.0278
30	595	0.595	0.0234
35	500	0.50	0.0197
40	420	0.42	0.0165
45	354	0.354	0.0139
50	297	0.297	0.0117
60	250	0.25	0.0098
70	210	0.21	0.0083
80	177	0.177	0.0070
100	149	0.149	0.0059
120	125	0.125	0.0049
140	105	0.105	0.0041
170	88	0.088	0.0035
200	74	0.074	0.0029
230	63	0.063	0.0025
270	53	0.053	0.0021
325	44	0.044	0.0017
400	38	0.038	0.0015



Shape	Product Code	Product Description	Details	Unit
<b>Aluminium</b>		<b>Al [7429-90-5]</b>		
Nano-powders	CFF-NP067-5	Aluminium Nanopowder APS 40-60 nm/ 99.9%	SSA 20-48 m <sup>2</sup> /g - spherical, black powder partially passivated	5 g
Nano-powders	CFF-NP067-10	Aluminium Nanopowder APS 40-60 nm/ 99.9%	SSA 20-48 m <sup>2</sup> /g - spherical, black powder partially passivated	10 g
Nano-powders	CFF-NP067-25	Aluminium Nanopowder APS 40-60 nm/ 99.9%	SSA 20-48 m <sup>2</sup> /g - spherical, black powder partially passivated	25 g
Nano-powders	CFF-NP067-100	Aluminium Nanopowder APS 40-60 nm/ 99.9%	SSA 20-48 m <sup>2</sup> /g - spherical, black powder partially passivated	100 g
Powders	009001-1	Aluminium Powder <1000 micron/ 98.5%		1 kg
Powders	009000-1	Aluminium Powder <250 micron/ 98.5%		1 kg
Powders	903051-100	Aluminium Powder -100 mesh/ 99.8%		100 g
Powders	009002-25	Aluminium Powder -100, +325 mesh/ 99.97%		25 g
Powders	009002-50	Aluminium Powder -100, +325 mesh/ 99.97%		50 g
Powders	009002-250	Aluminium Powder -100, +325 mesh/ 99.97%		250 g
Granules	902400-1	Aluminium Granules 0.6-1.2 mm/ 99.8%		1 kg
Granules	902400-2,5	Aluminium Granules 0.6-1.2 mm/ 99.8%		2,5 kg
Granules	009003-1	Aluminium Granules 2-5 mm/ 99.5+%		1 kg
Granules	900790-250	Aluminium Granules 2-10 mm/ 99.9%		250 g
Granules	900790-1	Aluminium Granules 2-10 mm/ 99.9%		1 kg
Granules	900791-250	Aluminium Granules 2-10 mm/ 99.99%		250 g
Granules	009004-100	Aluminium Granules <12 mm/ 99.99%		100 g
Granules	009004-250	Aluminium Granules <12 mm/ 99.99%		250 g
Granules	902067-25	Aluminium Pellets 1.6 x 0.5 mm/ 99.999%		25 g
Granules	009005-10	Aluminium Pellets 3.9 x 2.5 mm/ 99.999%		10 g
Granules	009005-50	Aluminium Pellets 3.9 x 2.5 mm/ 99.999%		50 g
Granules	903121-10	Aluminium Shot 3-6 mm/ 99.9999%		10 g
Granules	903121-25	Aluminium Shot 3-6 mm/ 99.9999%		25 g
Granules	902068-25	Aluminium Pellets 6 x 6 mm/ 99.999%		25 g
Granules	902068-100	Aluminium Pellets 6 x 6 mm/ 99.999%		100 g
Granules	900792-25	Aluminium Pellets 9.5 x 3.2 mm/ 99.999%		25 g
Granules	900792-100	Aluminium Pellets 9.5 x 3.2 mm/ 99.999%		100 g
Ingots	009006-100	Aluminium Ingot/ 99.999%		100 g
Foils	904457-100X100	Aluminium Foil 0.008 mm, annealed/ 99+%	(ca. 0.22 g/100 x 100 mm)	100x100 mm
Foils	904458-50X50	Aluminium Foil 0.012 mm, annealed/ 99+%	(ca. 0.081 g/50 x 50 mm)	50x50 mm
Foils	904458-100X100	Aluminium Foil 0.012 mm, annealed/ 99+%	(ca. 0.32 g/100 x 100 mm)	100x100 mm
Foils	904458-150X150	Aluminium Foil 0.012 mm, annealed/ 99+%	(ca. 0.73 g/150 x 150 mm)	150x150 mm
Foils	904459-50X50	Aluminium Foil 0.02 mm, annealed/ 99+%	(ca. 0.14 g/50 x 50 mm)	50x50 mm
Foils	904459-100X100	Aluminium Foil 0.02 mm, annealed/ 99+%	(ca. 0.54 g/100 x 100 mm)	100x100 mm
Foils	904459-150X150	Aluminium Foil 0.02 mm, annealed/ 99+%	(ca. 1.21 g/150 x 150 mm)	150x150 mm
Foils	904460-50X50	Aluminium Foil 0.025 mm, annealed/ 99+%	(ca. 0.17 g/50 x 50 mm)	50x50 mm
Foils	904460-100X100	Aluminium Foil 0.025 mm, annealed/ 99+%	(ca. 0.68 g/100 x 100 mm)	100x100 mm
Foils	904460-150X150	Aluminium Foil 0.025 mm, annealed/ 99+%	(ca. 1.52 g/150 x 150 mm)	150x150 mm
Foils	904461-100X100	Aluminium Foil 0.035 mm, annealed/ 99+%	(ca. 0.95 g/100 x 100 mm)	100x100 mm
Foils	904463-100X100	Aluminium Foil 0.05 mm, hard/ 99.5%	(ca. 1.35 g/100 x 100 mm)	100x100 mm
Foils	904463-150X150	Aluminium Foil 0.05 mm, hard/ 99.5%	(ca. 3 g/150 x 150 mm)	150x150 mm
Foils	904464-25X25	Aluminium Foil 0.05 mm/ 99.99+%	(ca. 0.08 g/25 x 25 mm)	25x25 mm
Foils	904464-50X50	Aluminium Foil 0.05 mm/ 99.99+%	(ca. 0.34 g/50 x 50 mm)	50x50 mm
Foils	904464-100X100	Aluminium Foil 0.05 mm/ 99.99+%	(ca. 1.35 g/100 x 100 mm)	100x100 mm
Foils	904465-50X50	Aluminium Foil 0.05 mm/ 99.999%	(ca. 0.34 g/50 x 50 mm)	50x50 mm

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Shape	Product Code	Product Description	Details	Unit
Foils	904465-100X100	Aluminium Foil 0.05 mm/ 99.999%	(ca. 1.35 g/100 x 100 mm)	100x100 mm
Foils	904467-50X50	Aluminium Foil 0.1 mm/ 99.5+%	(ca. 0.68 g/50 x 50 mm)	50x50 mm
Foils	904468-50X50	Aluminium Foil 0.1 mm/ 99.99+%	(ca. 0.68 g/50 x 50 mm)	50x50 mm
Foils	904468-100X100	Aluminium Foil 0.1 mm/ 99.99+%	(ca. 2.7 g/100 x 100 mm)	100x100 mm
Foils	009008-50X50	Aluminium Foil 0.1 mm/ 99.9999%	(ca. 0.68 g/50 x 50 mm)	50x50 mm
Foils	009008-100X100	Aluminium Foil 0.1 mm/ 99.9999%	(ca. 2.7 g/100 x 100 mm)	100x100 mm
Foils	009008-100X200	Aluminium Foil 0.1 mm/ 99.9999%	(ca. 5.4 g/100 x 200 mm)	100x200 mm
Foils	904469-100X100	Aluminium Foil 0.125 mm, hard/ 99.0%	(ca. 3.38 g/100 x 100 mm)	100x100 mm
Foils	904469-150X150	Aluminium Foil 0.125 mm, hard/ 99.0%	(ca. 7.6 g/150 x 150 mm)	150x150 mm
Foils	904469-300X300	Aluminium Foil 0.125 mm, hard/ 99.0%	(ca. 30.4 g/300 x 300 mm)	300x300 mm
Foils	904470-100X100	Aluminium Foil 0.125 mm, annealed/ 99.5%	(ca. 3.38 g/100 x 100 mm)	100x100 mm
Foils	904470-150X150	Aluminium Foil 0.125 mm, annealed/ 99.5%	(ca. 7.6 g/150 x 150 mm)	150x150 mm
Foils	900789-100X100	Aluminium Foil 0.125 mm/ 99.999%	(ca. 3.38 g/100 x 100 mm)	100x100 mm
Foils	900789-100X200	Aluminium Foil 0.125 mm/ 99.999%	(ca. 6.76 g/100 x 200 mm)	100x200 mm
Foils	904471-100X100	Aluminium Foil 0.2 mm, hard/ 99.5%	(ca. 5.4 g/100 x 100 mm)	100x100 mm
Foils	904471-150X150	Aluminium Foil 0.2 mm, hard/ 99.5%	(ca. 12.2 g/150 x 150 mm)	150x150 mm
Foils	904471-300X300	Aluminium Foil 0.2 mm, hard/ 99.5%	(ca. 48.6 g/300 x 300 mm)	300x300 mm
Foils	904472-100X100	Aluminium Foil 0.25 mm/ 99.5%	(ca. 6.8 g/100 x 100 mm)	100x100 mm
Foils	904472-150X150	Aluminium Foil 0.25 mm/ 99.5%	(ca. 15.2 g/150 x 150 mm)	150x150 mm
Foils	904472-300X300	Aluminium Foil 0.25 mm/ 99.5%	(ca. 60.8 g/300 x 300 mm)	300x300 mm
Foils	900793-100X100	Aluminium Foil 0.25 mm/ 99.999%	(ca. 6.8 g/100 x 100 mm)	100x100 mm
Foils	900793-100X200	Aluminium Foil 0.25 mm/ 99.999%	(ca. 13.6 g/100 x 200 mm)	100x200 mm
Foils	904477-100X100	Aluminium Foil 0.5 mm/ 99.5%	(ca. 13.5 g/100 x 100 mm)	100x100 mm
Foils	904477-150X150	Aluminium Foil 0.5 mm/ 99.5%	(ca. 30 g/150 x 150 mm)	150x150 mm
Foils	904477-300X300	Aluminium Foil 0.5 mm/ 99.5%	(ca. 122 g/300 x 300 mm)	300x300 mm
Foils	904476-50X50	Aluminium Foil 0.5 mm/ 99.99+%	(ca. 3.4 g/50 x 50 mm)	50x50 mm
Foils	904476-100X100	Aluminium Foil 0.5 mm/ 99.99+%	(ca. 13.5 g/100 x 100 mm)	100x100 mm
Foils	009009-50X50	Aluminium Foil 0.5 mm/ 99.9999%	(ca. 3.4 g/50 x 50 mm)	50x50 mm
Foils	009009-100X100	Aluminium Foil 0.5 mm/ 99.9999%	(ca. 13.5 g/100 x 100 mm)	100x100 mm
Foils	009009-100X200	Aluminium Foil 0.5 mm/ 99.9999%	(ca. 13.5 g/100 x 200 mm)	100x200 mm
Foils	904478-50X50	Aluminium Foil 0.8 mm/ 99.5%	(ca. 3.4 g/50 x 50 mm)	50x50 mm
Foils	904478-100X100	Aluminium Foil 0.8 mm/ 99.5%	(ca. 13.5 g/100 x 100 mm)	100x100 mm
Foils	904478-150X150	Aluminium Foil 0.8 mm/ 99.5%	(ca. 30 g/150 x 150 mm)	150x150 mm
Foils	904479-50X50	Aluminium Foil 1.0 mm/ 99.5%	(ca. 6.8 g/50 x 50 mm)	50x50 mm
Foils	904479-100X100	Aluminium Foil 1.0 mm/ 99.5%	(ca. 27 g/100 x 100 mm)	100x100 mm
Foils	904479-300X300	Aluminium Foil 1.0 mm/ 99.5%	(ca. 243 g/300 x 300 mm)	300x300 mm
Foils	900794-50X50	Aluminium Foil 1.0 mm/ 99.999%	(ca. 6.8 g/50 x 50 mm)	50x50 mm
Foils	900794-100X100	Aluminium Foil 1.0 mm/ 99.999%	(ca. 27 g/100 x 100 mm)	100x100 mm
Foils	904480-50X50	Aluminium Foil 1.5 mm/ 99.5%	(ca. 6.8 g/50 x 50 mm)	50x50 mm
Foils	904480-100X100	Aluminium Foil 1.5 mm/ 99.5%	(ca. 27 g/100 x 100 mm)	100x100 mm
Foils	904481-50X50	Aluminium Foil 2.0 mm/ 99.5%	(ca. 14 g/50 x 50 mm)	50x50 mm
Foils	904481-100X100	Aluminium Foil 2.0 mm/ 99.5%	(ca. 54 g/100 x 100 mm)	100x100 mm
Foils	904481-150X150	Aluminium Foil 2.0 mm/ 99.5%	(ca. 122 g/150 x 150 mm)	150x150 mm
Foils	904482-25X25	Aluminium Foil 2.0 mm/ 99.999%	(ca. 3.4 g/25 x 25 mm)	25x25 mm
Foils	904482-50X50	Aluminium Foil 2.0 mm/ 99.999%	(ca. 14 g/50 x 50 mm)	50x50 mm
Foils	904482-100X100	Aluminium Foil 2.0 mm/ 99.999%	(ca. 54 g/100 x 100 mm)	100x100 mm
Foils	904483-50X50	Aluminium Foil 3.0 mm/ 99.5%	(ca. 20 g/50 x 50 mm)	50x50 mm
Foils	904483-100X100	Aluminium Foil 3.0 mm/ 99.5%	(ca. 81 g/100 x 100 mm)	100x100 mm
Foils	904483-150X150	Aluminium Foil 3.0 mm/ 99.5%	(ca. 182 g/150 x 150 mm)	150x150 mm
Foils	904484-50X50	Aluminium Foil 5.0 mm/ 99.5%	(ca. 34 g/50 x 50 mm)	50x50 mm
Foils	904484-100X100	Aluminium Foil 5.0 mm/ 99.5%	(ca. 135 g/100 x 100 mm)	100x100 mm

Shape	Product Code	Product Description	Details	Unit
Foils	904484-150X150	Aluminium Foil 5.0 mm/ 99.5%	(ca. 304 g/150 x 150 mm)	150x150 mm
Foils	904485-50X50	Aluminium Foil 5.0 mm/ 99.999%	(ca. 34 g/50 x 50 mm)	50x50 mm
Foils	904485-100X100	Aluminium Foil 5.0 mm/ 99.999%	(ca. 135 g/100 x 100 mm)	100x100 mm
Wires	904509-5	Aluminium Wire 0.050 mm diameter, annealed/ 99.5%	(ca. 0.0053 g/m)	5 m
Wires	904509-25	Aluminium Wire 0.050 mm diameter, annealed/ 99.5%	(ca. 0.0053 g/m)	25 m
Wires	904510-1	Aluminium Wire 0.050 mm diameter, hard/ 99.999%	(ca. 0.0053 g/m)	1 m
Wires	904510-5	Aluminium Wire 0.050 mm diameter, hard/ 99.999%	(ca. 0.0053 g/m)	5 m
Wires	904512-10	Aluminium Wire 0.125 mm diameter, hard/ 99.7%	(ca. 0.033 g/m)	10 m
Wires	904512-25	Aluminium Wire 0.125 mm diameter, hard/ 99.7%	(ca. 0.033 g/m)	25 m
Wires	904511-1	Aluminium Wire 0.125 mm diameter, hard/ 99.999%	(ca. 0.033 g/m)	1 m
Wires	904511-5	Aluminium Wire 0.125 mm diameter, hard/ 99.999%	(ca. 0.033 g/m)	5 m
Wires	904511-25	Aluminium Wire 0.125 mm diameter, hard/ 99.999%	(ca. 0.033 g/m)	25 m
Wires	904513-5	Aluminium Wire 0.20 mm diameter, hard/ 99.5%	(ca. 0.085 g/m)	5 m
Wires	904513-25	Aluminium Wire 0.20 mm diameter, hard/ 99.5%	(ca. 0.085 g/m)	25 m
Wires	904513-100	Aluminium Wire 0.20 mm diameter, hard/ 99.5%	(ca. 0.085 g/m)	100 m
Wires	904514-5	Aluminium Wire 0.20 mm diameter, annealed/ 99.5%	(ca. 0.085 g/m)	5 m
Wires	904514-25	Aluminium Wire 0.20 mm diameter, annealed/ 99.5%	(ca. 0.085 g/m)	25 m
Wires	904514-100	Aluminium Wire 0.20 mm diameter, annealed/ 99.5%	(ca. 0.085 g/m)	100 m
Wires	904515-5	Aluminium Wire 0.25 mm diameter, hard/ 99.5%	(ca. 0.133 g/m)	5 m
Wires	904515-25	Aluminium Wire 0.25 mm diameter, hard/ 99.5%	(ca. 0.133 g/m)	25 m
Wires	904515-100	Aluminium Wire 0.25 mm diameter, hard/ 99.5%	(ca. 0.133 g/m)	100 m
Wires	904516-5	Aluminium Wire 0.25 mm diameter, annealed/ 99.5%	(ca. 0.133 g/m)	5 m
Wires	904516-25	Aluminium Wire 0.25 mm diameter, annealed/ 99.5%	(ca. 0.133 g/m)	25 m
Wires	904516-100	Aluminium Wire 0.25 mm diameter, annealed/ 99.5%	(ca. 0.133 g/m)	100 m
Wires	904517-10	Aluminium Wire 0.25 mm diameter/ 99.98+%	(ca. 0.133 g/m)	10 m
Wires	904517-25	Aluminium Wire 0.25 mm diameter/ 99.98+%	(ca. 0.133 g/m)	25 m
Wires	904517-100	Aluminium Wire 0.25 mm diameter/ 99.98+%	(ca. 0.133 g/m)	100 m
Wires	900797-10	Aluminium Wire 0.25 mm diameter/ 99.995%	(ca. 0.133 g/m)	10 m
Wires	900797-25	Aluminium Wire 0.25 mm diameter/ 99.995%	(ca. 0.133 g/m)	25 m
Wires	009010-25	Aluminium Wire 0.5 mm diameter/ 99.95%	(ca. 0.53 g/m)	25 m
Wires	009010-100	Aluminium Wire 0.5 mm diameter/ 99.95%	(ca. 0.53 g/m)	100 m
Wires	009011-20	Aluminium Wire 0.5 mm diameter/ 99.999%	(ca. 0.53 g/m)	20 m
Wires	009011-50	Aluminium Wire 0.5 mm diameter/ 99.999%	(ca. 0.53 g/m)	50 m
Wires	009012-25	Aluminium Wire 1.0 mm diameter/ 99.95%	(ca. 2.12 g/m)	25 m
Wires	009012-50	Aluminium Wire 1.0 mm diameter/ 99.95%	(ca. 2.12 g/m)	50 m
Wires	009012-250	Aluminium Wire 1.0 mm diameter/ 99.95%	(ca. 2.12 g/m)	250 m
Wires	009013-10	Aluminium Wire 1.0 mm diameter/ 99.999%	(ca. 2.12 g/m)	10 m
Wires	009013-50	Aluminium Wire 1.0 mm diameter/ 99.999%	(ca. 2.12 g/m)	50 m
Wires	009013-100	Aluminium Wire 1.0 mm diameter/ 99.999%	(ca. 2.12 g/m)	100 m
Wires	904518-5	Aluminium Wire 1.2 mm diameter/ 99.98+%	(ca. 3.05 g/m)	5 m
Wires	904518-25	Aluminium Wire 1.2 mm diameter/ 99.98+%	(ca. 3.05 g/m)	25 m
Wires	904519-5	Aluminium Wire 1.50 mm diameter/ 99.98+%	(ca. 4.77 g/m)	5 m
Wires	904519-25	Aluminium Wire 1.50 mm diameter/ 99.98+%	(ca. 4.77 g/m)	25 m
Wires	904520-5	Aluminium Wire 1.50 mm diameter/ 99.999%	(ca. 4.77 g/m)	5 m
Wires	904506-5	Aluminium Wire 2.0 mm diameter/ 99.5+%	(ca. 8.49 g/m)	5 m
Wires	904506-25	Aluminium Wire 2.0 mm diameter/ 99.5+%	(ca. 8.49 g/m)	25 m
Wires	009014-5	Aluminium Wire 2.0 mm diameter/ 99.95%	(ca. 8.49 g/m)	5 m
Wires	009014-10	Aluminium Wire 2.0 mm diameter/ 99.95%	(ca. 8.49 g/m)	10 m
Wires	009014-25	Aluminium Wire 2.0 mm diameter/ 99.95%	(ca. 8.49 g/m)	25 m
Wires	009015-2	Aluminium Wire 2.0 mm diameter/ 99.999%	(ca. 8.49 g/m)	2 m
Wires	009015-5	Aluminium Wire 2.0 mm diameter/ 99.999%	(ca. 8.49 g/m)	5 m

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Shape	Product Code	Product Description	Details	Unit
Wires	009015-10	Aluminium Wire 2.0 mm diameter/ 99.999%	(ca. 8.49 g/m)	10 m
Wires	904194-1	Aluminium Wire 3.0 mm diameter/ 99.999%	(ca. 19 g/m)	1 m
Wires	904194-5	Aluminium Wire 3.0 mm diameter/ 99.999%	(ca. 19 g/m)	5 m
Wires	904500-1	Aluminium Wire 4.0 mm diameter/ 99.999%	(ca. 34 g/m)	1 m
Wires	904500-5	Aluminium Wire 4.0 mm diameter/ 99.999%	(ca. 34 g/m)	5 m
Wires	904521-1	Aluminium Wire 5.0 mm diameter/ 99.98+%	(ca. 53 g/m)	1 m
Wires	900795-50	Aluminium Wire 5.0 mm diameter/ 99.999%	(ca. 53 g/m)	50 cm
Wires	900795-1	Aluminium Wire 5.0 mm diameter/ 99.999%	(ca. 53 g/m)	1 m
Wires	904456-1	Aluminium Wire 6.0 mm diameter/ 99.95+%	(ca. 76 g/m)	1 m
Wires	904456-2,5	Aluminium Wire 6.0 mm diameter/ 99.95+%	(ca. 76 g/m)	2,5 m
Wires	904455-50	Aluminium Wire 6.0 mm diameter/ 99.999%	(ca. 76 g/m)	50 cm
Wires	904455-2,5	Aluminium Wire 6.0 mm diameter/ 99.999%	(ca. 76 g/m)	2,5 m
Rods	009016-25	Aluminium Rod 5.0 mm diameter/ 99.9999%	(ca. 0.53 g/cm)	25 mm
Rods	009016-100	Aluminium Rod 5.0 mm diameter/ 99.9999%	(ca. 0.53 g/cm)	100 mm
Rods	900796-50	Aluminium Rod 6.0 mm diameter/ 99.999%	(ca. 0.76 g/cm)	50 mm
Rods	900796-150	Aluminium Rod 6.0 mm diameter/ 99.999%	(ca. 0.76 g/cm)	150 mm
Rods	009017-25	Aluminium Rod 10 mm diameter/ 99.9999%	(ca. 2.12 g/cm)	25 mm
Rods	009017-100	Aluminium Rod 10 mm diameter/ 99.9999%	(ca. 2.12 g/cm)	100 mm
Rods	902465-50	Aluminium Rod 25 mm diameter/ 99.5%	(ca. 13.25 g/cm)	50 cm
Rods	900798-100	Aluminium Rod 25 mm diameter/ 99.99%	(ca. 7.5 cm)	100 g
Rods	900798-500	Aluminium Rod 25 mm diameter/ 99.99%	(ca. 37.5 cm)	500 g
Rods	904501-50	Aluminium Rod 40 mm diameter/ 99.99+%	(ca. 33.9 g/cm)	50 mm
Rods	904501-200	Aluminium Rod 40 mm diameter/ 99.99+%	(ca. 33.9 g/cm)	200 mm
Rods	904502-50	Aluminium Rod 50 mm diameter/ 99.99+%	(ca. 53 g/cm)	50 mm
Rods	904502-200	Aluminium Rod 50 mm diameter/ 99.99+%	(ca. 53 g/cm)	200 mm
Tubes	900800-0,5	Aluminium Tube 10.0 mm diameter, 1.0 mm wall thickness/ 99.7%		0,5 m
Tubes	900800-1	Aluminium Tube 10.0 mm diameter, 1.0 mm wall thickness/ 99.7%		1 m
Tubes	900799-0,5	Aluminium Tube 6.0 mm diameter, 0.75 mm wall thickness/ 99.7%		0,5 m
Sputtering Targets	904278-25	Aluminium Sputtering Target 3 mm/ 99.9%	25 mm diameter	1 piece
Sputtering Targets	904278-50	Aluminium Sputtering Target 3 mm/ 99.9%	50 mm diameter	1 piece
Sputtering Targets	904278-75	Aluminium Sputtering Target 3 mm/ 99.9%	75 mm diameter	1 piece
Sputtering Targets	904278-100	Aluminium Sputtering Target 3 mm/ 99.9%	100 mm diameter	1 piece
Sputtering Targets	904278-125	Aluminium Sputtering Target 3 mm/ 99.9%	125 mm diameter	1 piece
Sputtering Targets	904278-150	Aluminium Sputtering Target 3 mm/ 99.9%	150 mm diameter	1 piece
Sputtering Targets	904279-25	Aluminium Sputtering Target 3 mm/ 99.99%	25 mm diameter	1 piece
Sputtering Targets	904279-50	Aluminium Sputtering Target 3 mm/ 99.99%	50 mm diameter	1 piece
Sputtering Targets	904279-75	Aluminium Sputtering Target 3 mm/ 99.99%	75 mm diameter	1 piece
Sputtering Targets	904279-100	Aluminium Sputtering Target 3 mm/ 99.99%	100 mm diameter	1 piece
Sputtering Targets	904279-125	Aluminium Sputtering Target 3 mm/ 99.99%	125 mm diameter	1 piece

Shape	Product Code	Product Description	Details	Unit
Sputtering Targets	904279-150	Aluminium Sputtering Target 3 mm/ 99.99%	150 mm diameter	1 piece
Sputtering Targets	904280-25	Aluminium Sputtering Target 3 mm/ 99.999%	25 mm diameter	1 piece
Sputtering Targets	904280-50	Aluminium Sputtering Target 3 mm/ 99.999%	50 mm diameter	1 piece
Sputtering Targets	904280-75	Aluminium Sputtering Target 3 mm/ 99.999%	75 mm diameter	1 piece
Sputtering Targets	904280-100	Aluminium Sputtering Target 3 mm/ 99.999%	100 mm diameter	1 piece
Sputtering Targets	904280-125	Aluminium Sputtering Target 3 mm/ 99.999%	125 mm diameter	1 piece
Sputtering Targets	904280-150	Aluminium Sputtering Target 3 mm/ 99.999%	150 mm diameter	1 piece
Sputtering Targets	904281-25	Aluminium Sputtering Target 6 mm/ 99.9%	25 mm diameter	1 piece
Sputtering Targets	904281-50	Aluminium Sputtering Target 6 mm/ 99.9%	50 mm diameter	1 piece
Sputtering Targets	904281-75	Aluminium Sputtering Target 6 mm/ 99.9%	75 mm diameter	1 piece
Sputtering Targets	904281-100	Aluminium Sputtering Target 6 mm/ 99.9%	100 mm diameter	1 piece
Sputtering Targets	904281-125	Aluminium Sputtering Target 6 mm/ 99.9%	125 mm diameter	1 piece
Sputtering Targets	904281-150	Aluminium Sputtering Target 6 mm/ 99.9%	150 mm diameter	1 piece
Sputtering Targets	904282-25	Aluminium Sputtering Target 6 mm/ 99.99%	25 mm diameter	1 piece
Sputtering Targets	904282-50	Aluminium Sputtering Target 6 mm/ 99.99%	50 mm diameter	1 piece
Sputtering Targets	904282-75	Aluminium Sputtering Target 6 mm/ 99.99%	75 mm diameter	1 piece
Sputtering Targets	904282-100	Aluminium Sputtering Target 6 mm/ 99.99%	100 mm diameter	1 piece
Sputtering Targets	904282-125	Aluminium Sputtering Target 6 mm/ 99.99%	125 mm diameter	1 piece
Sputtering Targets	904282-150	Aluminium Sputtering Target 6 mm/ 99.99%	150 mm diameter	1 piece
Sputtering Targets	902129-25	Aluminium Sputtering Target 6 mm/ 99.999%	25 mm diameter	1 piece
Sputtering Targets	902129-50	Aluminium Sputtering Target 6 mm/ 99.999%	50 mm diameter	1 piece
Sputtering Targets	902129-75	Aluminium Sputtering Target 6 mm/ 99.999%	75 mm diameter	1 piece
Sputtering Targets	902129-100	Aluminium Sputtering Target 6 mm/ 99.999%	100 mm diameter	1 piece
Sputtering Targets	902129-125	Aluminium Sputtering Target 6 mm/ 99.999%	125 mm diameter	1 piece
Sputtering Targets	902129-150	Aluminium Sputtering Target 6 mm/ 99.999%	150 mm diameter	1 piece

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Shape	Product Code	Product Description	Details	Unit
<b>Antimony</b>		<b>Sb [7440-36-0]</b>		
Powders	009018-100	Antimony Powder -325 mesh/ 99.5%		100 g
Powders	009018-500	Antimony Powder -325 mesh/ 99.5%		500 g
Powders	900304-10	Antimony Powder <250 micron/ 99.999%		10 g
Powders	900304-50	Antimony Powder <250 micron/ 99.999%		50 g
Powders	900304-100	Antimony Powder <250 micron/ 99.999%		100 g
Granules	009019-50	Antimony Shot 1-3 mm/ 99.999%		50 g
Granules	009020-10	Antimony Shot 1-3 mm/ 99.999%		10 g
Granules	009020-50	Antimony Shot 1-3 mm/ 99.999%		50 g
Granules	009021-25	Antimony Pieces/ 99.999%		25 g
Granules	009021-100	Antimony Pieces/ 99.999%		100 g
Granules	009021-500	Antimony Pieces/ 99.999%		500 g
Granules	009022-25	Antimony Pieces/ 99.999%		25 g
Granules	009022-50	Antimony Pieces/ 99.999%		50 g
Granules	009022-250	Antimony Pieces/ 99.999%		250 g
Ingots	009023-100	Antimony Ingot/ 99.999%		100 g
Ingots	009023-500	Antimony Ingot/ 99.999%		500 g
Ingots	009024-50	Antimony Ingot/ 99.999%		50 g
Ingots	009024-250	Antimony Ingot/ 99.999%		250 g
Rods	902601-50	Antimony Rod 6 mm diameter/ 99.999%	(ca. 1.89 g/cm)	50 mm
Rods	902479-50	Antimony Rod 8 mm diameter/ 99.999%	(ca. 3.36 g/cm)	50 mm
Sputtering Targets	904283-25	Antimony Sputtering Target 3 mm/ 99.9%	25 mm diameter	1 piece
Sputtering Targets	904283-50	Antimony Sputtering Target 3 mm/ 99.9%	50 mm diameter	1 piece
Sputtering Targets	904283-75	Antimony Sputtering Target 3 mm/ 99.9%	75 mm diameter	1 piece
Sputtering Targets	904284-25	Antimony Sputtering Target 6 mm/ 99.9%	25 mm diameter	1 piece
Sputtering Targets	904284-50	Antimony Sputtering Target 6 mm/ 99.9%	50 mm diameter	1 piece
Sputtering Targets	904284-75	Antimony Sputtering Target 6 mm/ 99.9%	75 mm diameter	1 piece

**Arsenic****As [7440-38-2]**

Powders	009025-100	Arsenic Powder -20 mesh/ 99%		100 g
Powders	009026-5	Arsenic Powder <250 micron/ 99.999%		5 g
Powders	009026-25	Arsenic Powder <250 micron/ 99.999%		25 g
Powders	009027-5	Arsenic Powder <250 micron/ 99.999%		5 g
Powders	009027-25	Arsenic Powder <250 micron/ 99.999%		25 g
Granules	009029-100	Arsenic Pieces 2-12 mm/ 99.999%		100 g
Granules	009030-50	Arsenic Pieces 2-12 mm/ 99.999%		50 g
Granules	009030-100	Arsenic Pieces 2-12 mm/ 99.999%		100 g
Granules	900303-50	Arsenic Pieces 2-12 mm/ 99.999%		50 g
Granules	900303-100	Arsenic Pieces 2-12 mm/ 99.999%		100 g
Ingots	904648-POR	Arsenic Ingot (MBE Grade 7N5)/ 99.999995%		on request

Shape	Product Code	Product Description	Details	Unit
<b>Barium</b>		<b>Ba [7440-39-3]</b>		
Granules	009031-25	Barium Pieces <25 mm, under mineral oil, 0,1-1% Sr/ 99.7%		25 g
Granules	009031-100	Barium Pieces <25 mm, under mineral oil, 0,1-1% Sr/ 99.7%		100 g
Granules	009031-250	Barium Pieces <25 mm, under mineral oil, 0,1-1% Sr/ 99.7%		250 g
Rods	009032-500	Barium Rod 22 mm diameter, under argon, 0,8% Sr/ 99.3%	(ca. 36 cm)	500 g
Rods	009033-500	Barium Rod 22 mm diameter, under paraffin oil, 0,8% Sr/ 99.3%	(ca. 36 cm)	500 g

<b>Bismuth</b>		<b>Bi [7440-69-9]</b>		
Powders	009039-100	Bismuth Powder -325 mesh/ 99.5%		100 g
Powders	009039-500	Bismuth Powder -325 mesh/ 99.5%		500 g
Powders	900822-100	Bismuth Powder -325 mesh/ 99.9%		100 g
Powders	900822-250	Bismuth Powder -325 mesh/ 99.9%		250 g
Powders	009040-100	Bismuth Powder -100, +325 mesh/ 99.5%		100 g
Powders	009040-500	Bismuth Powder -100, +325 mesh/ 99.5%		500 g
Powders	903140-100	Bismuth Powder -100, +325 mesh/ 99.99%		100 g
Powders	903140-250	Bismuth Powder -100, +325 mesh/ 99.99%		250 g
Powders	902053-25	Bismuth Powder -200 mesh/ 99.99+%		25 g
Powders	902053-100	Bismuth Powder -200 mesh/ 99.99+%		100 g
Powders	902053-250	Bismuth Powder -200 mesh/ 99.99+%		250 g
Powders	009042-50	Bismuth Powder <250 micron/ 99.995%		50 g
Powders	009042-250	Bismuth Powder <250 micron/ 99.995%		250 g
Granules	900824-100	Bismuth Granules 0.5-2 mm/ 99.99%		100 g
Granules	900824-250	Bismuth Granules 0.5-2 mm/ 99.99%		250 g
Granules	900824-1	Bismuth Granules 0.5-2 mm/ 99.99%		1 kg
Granules	902383-50	Bismuth Granules 0.5-2 mm/ 99.997%		50 g
Granules	902383-250	Bismuth Granules 0.5-2 mm/ 99.997%		250 g
Granules	009043-50	Bismuth Granules 1-10 mm/ 99.999%		50 g
Granules	009043-250	Bismuth Granules 1-10 mm/ 99.999%		250 g
Granules	903704-100	Bismuth Needles/ 99.997%		100 g
Granules	009045-50	Bismuth Pieces/ 99.999%		50 g
Granules	009045-250	Bismuth Pieces/ 99.999%		250 g
Granules	009045-1	Bismuth Pieces/ 99.999%		1 kg
Granules	009046-50	Bismuth Pieces/ 99.9999%		50 g
Granules	009046-250	Bismuth Pieces/ 99.9999%		250 g
Ingots	900826-250	Bismuth Bar/ 99.99%		250 g
Ingots	900827-250	Bismuth Bar/ 99.999%		250 g
Ingots	009048-50	Bismuth Bar/ 99.9999%		50 g
Foils	905034-25X25	Bismuth Foil 0.25 mm/ 99.99%	(ca. 1.5 g/25 x 25 mm)	25x25 mm
Foils	905034-50X50	Bismuth Foil 0.25 mm/ 99.99%	(ca. 6.1 g/50 x 50 mm)	50x50 mm
Foils	905035-25X25	Bismuth Foil 0.5 mm/ 99.99%	(ca. 3 g/25 x 25 mm)	25x25 mm
Foils	905035-50X50	Bismuth Foil 0.5 mm/ 99.99%	(ca. 12.2 g/50 x 50 mm)	50x50 mm
Foils	905036-25X25	Bismuth Foil 1 mm/ 99.99%	(ca. 6.1 g/25 x 25 mm)	25x25 mm
Foils	905036-50X50	Bismuth Foil 1 mm/ 99.99%	(ca. 24.4 g/50 x 50 mm)	50x50 mm
Foils	905037-25X25	Bismuth Sheet 3 mm/ 99.99%	(ca. 18.3 g/25 x 25 mm)	25x25 mm

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Shape	Product Code	Product Description	Details	Unit
Foils	905037-50X50	Bismuth Sheet 3 mm/ 99.99%	(ca. 73.4 g/50 x 50 mm)	50x50 mm
Foils	905037-100X100	Bismuth Sheet 3 mm/ 99.99%	(ca. 294 g/100 x 100 mm)	100x100 mm
Foils	905038-25X25	Bismuth Sheet 6 mm/ 99.99%	(ca. 36.7 g/25 x 25 mm)	25x25 mm
Foils	905038-50X50	Bismuth Sheet 6 mm/ 99.99%	(ca. 147 g/50 x 50 mm)	50x50 mm
Foils	905038-100X100	Bismuth Sheet 6 mm/ 99.99%	(ca. 587 g/100 x 100 mm)	100x100 mm
Rods	902121-240	Bismuth Rod 10 mm diameter/ 99.999%	(ca. 7.69 g/cm)	240 mm
Sputtering Targets	904285-25	Bismuth Sputtering Target 3 mm/ 99.9%	25 mm diameter	1 piece
Sputtering Targets	904285-50	Bismuth Sputtering Target 3 mm/ 99.9%	50 mm diameter	1 piece
Sputtering Targets	904285-75	Bismuth Sputtering Target 3 mm/ 99.9%	75 mm diameter	1 piece
Sputtering Targets	904285-100	Bismuth Sputtering Target 3 mm/ 99.9%	100 mm diameter	1 piece
Sputtering Targets	904286-25	Bismuth Sputtering Target 3 mm/ 99.99%	25 mm diameter	1 piece
Sputtering Targets	904286-50	Bismuth Sputtering Target 3 mm/ 99.99%	50 mm diameter	1 piece
Sputtering Targets	904286-75	Bismuth Sputtering Target 3 mm/ 99.99%	75 mm diameter	1 piece
Sputtering Targets	904286-100	Bismuth Sputtering Target 3 mm/ 99.99%	100 mm diameter	1 piece
Sputtering Targets	904770-25	Bismuth Sputtering Target 6 mm/ 99.9%	25 mm diameter	1 piece
Sputtering Targets	904770-50	Bismuth Sputtering Target 6 mm/ 99.9%	50 mm diameter	1 piece
Sputtering Targets	904770-75	Bismuth Sputtering Target 6 mm/ 99.9%	75 mm diameter	1 piece
Sputtering Targets	904770-100	Bismuth Sputtering Target 6 mm/ 99.9%	100 mm diameter	1 piece
Sputtering Targets	904288-25	Bismuth Sputtering Target 6 mm/ 99.99%	25 mm diameter	1 piece
Sputtering Targets	904288-50	Bismuth Sputtering Target 6 mm/ 99.99%	50 mm diameter	1 piece
Sputtering Targets	904288-75	Bismuth Sputtering Target 6 mm/ 99.99%	75 mm diameter	1 piece
Sputtering Targets	904288-100	Bismuth Sputtering Target 6 mm/ 99.99%	100 mm diameter	1 piece



Shape	Product Code	Product Description	Details	Unit
<b>Boron</b>		<b>B [7440-42-8]</b>		
Powders	009049-10	Boron Powder, amorphous/ 95-97%		10 g
Powders	009049-50	Boron Powder, amorphous/ 95-97%		50 g
Powders	009049-250	Boron Powder, amorphous/ 95-97%		250 g
Powders	009050-10	Boron Powder, crystalline, 40 micron/ 99%		10 g
Powders	009050-25	Boron Powder, crystalline, 40 micron/ 99%		25 g
Powders	009050-100	Boron Powder, crystalline, 40 micron/ 99%		100 g
Powders	009051-1	Boron Powder, amorphous, 2 micron/ 99.9%		1 g
Powders	009051-5	Boron Powder, amorphous, 2 micron/ 99.9%		5 g
Powders	903775-25	Boron Powder, crystalline, -4 mesh/ 99.95+%		1 g
Powders	009052-1	Boron Powder <1000 micron, crystalline, doping grade/ 99.995%		1 g
Powders	009052-5	Boron Powder <1000 micron, crystalline, doping grade/ 99.995%		5 g
Granules	009054-25	Boron Pieces, crystalline, 1-20 mm/ 99%		25 g
Granules	009054-100	Boron Pieces, crystalline, 1-20 mm/ 99%		100 g
Rods	905008-5	Boron Rod 5 mm diameter/ 99.5%	(ca. 0.46 g/cm)	5 mm
Rods	905008-10	Boron Rod 5 mm diameter/ 99.5%	(ca. 0.46 g/cm)	10 mm
Rods	905009-10	Boron Rod 10 mm diameter/ 99.5%	(ca. 1.84 g/cm)	10 mm

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Shape	Product Code	Product Description	Details	Unit
<b>Cadmium</b>		<b>Cd [7440-43-9]</b>		
Powders	009058-100	Cadmium Powder -325 mesh/ 99.5%		100 g
Granules	009062-50	Cadmium Granules 1-5 mm/ 99.999%		50 g
Granules	009062-250	Cadmium Granules 1-5 mm/ 99.999%		250 g
Granules	009063-50	Cadmium Granules 1-5 mm/ 99.999%		50 g
Granules	009063-250	Cadmium Granules 1-5 mm/ 99.999%		250 g
Ingots	900374-250	Cadmium Bar/ 99.999%		250 g
Ingots	904646-250	Cadmium Bar/ 99.999%		250 g
Foils	901135-50X50	Cadmium Foil 0.125 mm/ 99.999%	(ca. 2.7 g/50 x 50 mm)	50x50 mm
Foils	901135-100X100	Cadmium Foil 0.125 mm/ 99.999%	(ca. 10.8 g/100 x 100 mm)	100x100 mm
Foils	009064-50X50	Cadmium Foil 0.25 mm/ 99.99%	(ca. 5.4 g/50 x 50 mm)	50x50 mm
Foils	009064-100X100	Cadmium Foil 0.25 mm/ 99.99%	(ca. 21.6 g/100 x 100 mm)	100x100 mm
Foils	009064-100X200	Cadmium Foil 0.25 mm/ 99.99%	(ca. 43.2 g/100 x 200 mm)	100x200 mm
Foils	009065-50X50	Cadmium Foil 0.5 mm/ 99.99%	(ca. 10.8 g/50 x 50 mm)	50x50 mm
Foils	009065-100X100	Cadmium Foil 0.5 mm/ 99.99%	(ca. 43.2 g/100 x 100 mm)	100x100 mm
Foils	009065-100X200	Cadmium Foil 0.5 mm/ 99.99%	(ca. 86.4 g/100 x 200 mm)	100x200 mm
Foils	009066-50X50	Cadmium Foil 1.0 mm/ 99.99%	(ca. 21.6 g/50 x 50 mm)	50x50 mm
Foils	009066-100X100	Cadmium Foil 1.0 mm/ 99.99%	(ca. 86.4 g/100 x 100 mm)	100x100 mm
Foils	009066-100X200	Cadmium Foil 1.0 mm/ 99.99%	(ca. 172.8 g/100 x 200 mm)	100x200 mm
Wires	009067-1	Cadmium Wire 1.0 mm diameter/ 99.999%	(ca. 6.79 g/m)	1 m
Wires	009067-2	Cadmium Wire 1.0 mm diameter/ 99.999%	(ca. 6.79 g/m)	2 m
Rods	009068-250	Cadmium Rod 8 mm diameter/ 99.999%	(ca. 4.35 g/cm)	250 mm
Rods	009069-250	Cadmium Rod 8 mm diameter/ 99.999%	(ca. 4.35 g/cm)	250 mm
Rods	902309-140	Cadmium Rod 10 mm diameter/ 99.9%	(ca. 6.79 g/cm)	140 mm
Sputtering Targets	904289-25	Cadmium Sputtering Target 3 mm/ 99.9%	25 mm diameter	1 piece
Sputtering Targets	904289-50	Cadmium Sputtering Target 3 mm/ 99.9%	50 mm diameter	1 piece
Sputtering Targets	904289-75	Cadmium Sputtering Target 3 mm/ 99.9%	75 mm diameter	1 piece
Sputtering Targets	904290-25	Cadmium Sputtering Target 3 mm/ 99.99%	25 mm diameter	1 piece
Sputtering Targets	904290-50	Cadmium Sputtering Target 3 mm/ 99.99%	50 mm diameter	1 piece
Sputtering Targets	904290-75	Cadmium Sputtering Target 3 mm/ 99.99%	75 mm diameter	1 piece
Sputtering Targets	904291-25	Cadmium Sputtering Target 6 mm/ 99.9%	25 mm diameter	1 piece
Sputtering Targets	904291-50	Cadmium Sputtering Target 6 mm/ 99.9%	50 mm diameter	1 piece
Sputtering Targets	904291-75	Cadmium Sputtering Target 6 mm/ 99.9%	75 mm diameter	1 piece
Sputtering Targets	904292-25	Cadmium Sputtering Target 6 mm/ 99.99%	25 mm diameter	1 piece
Sputtering Targets	904292-50	Cadmium Sputtering Target 6 mm/ 99.99%	50 mm diameter	1 piece
Sputtering Targets	904292-75	Cadmium Sputtering Target 6 mm/ 99.99%	75 mm diameter	1 piece
Granules	009070-100	Calcium Granules 2-6 mm/ 98.5+%		100 g
Granules	009071-100	Calcium Granules -6 mesh/ 99.5%		100 g

Shape	Product Code	Product Description	Details	Unit
<b>Carbon</b>		<b>[7440-43-9] [7782-42-5] [1034343-98-0]</b>		
Powders	009073-1	Activated carbon, powder <100 micron		1 kg
Granules	009074-1	Activated carbon, granules 2.5 mm		1 kg
Nano-powders	CFF-NP092-5	Graphite Nanopowder APS 3-4 nm/ 93%	SSA 540-650 m <sup>2</sup> /g - spherical, black powder	5 g
Nano-powders	CFF-NP092-10	Graphite Nanopowder APS 3-4 nm/ 93%	SSA 540-650 m <sup>2</sup> /g - spherical, black powder	10 g
Nano-powders	CFF-NP092-25	Graphite Nanopowder APS 3-4 nm/ 93%	SSA 540-650 m <sup>2</sup> /g - spherical, black powder	25 g
Nano-powders	CFF-NP092-50	Graphite Nanopowder APS 3-4 nm/ 93%	SSA 540-650 m <sup>2</sup> /g - spherical, black powder	50 g
Nano-powders	CFF-NP093-10	Graphite Nanopowder APS 400 nm/ 99.9%	flaky, black powder	10 g
Nano-powders	CFF-NP093-25	Graphite Nanopowder APS 400 nm/ 99.9%	flaky, black powder	25 g
Nano-powders	CFF-NP093-100	Graphite Nanopowder APS 400 nm/ 99.9%	flaky, black powder	100 g
Nano-powders	CFF-NP093-500	Graphite Nanopowder APS 400 nm/ 99.9%	flaky, black powder	500 g
Nano-powders	CFF-NP110-25	Graphene Nanopowder APS ~2 nm/ 99.5%	SSA 750 m <sup>2</sup> /g - black platelets	25 g
Nano-powders	CFF-NP110-100	Graphene Nanopowder APS ~2 nm/ 99.5%	SSA 750 m <sup>2</sup> /g - black platelets	100 g
Nano-powders	CFF-NP110-250	Graphene Nanopowder APS ~2 nm/ 99.5%	SSA 750 m <sup>2</sup> /g - black platelets	250 g
Nano-powders	CFF-NP111-25	Graphene Nanopowder APS 6-8 nm/ 99.5%	SSA 120-150 m <sup>2</sup> /g - black platelets	25 g
Nano-powders	CFF-NP111-100	Graphene Nanopowder APS 6-8 nm/ 99.5%	SSA 120-150 m <sup>2</sup> /g - black platelets	100 g
Nano-powders	CFF-NP111-250	Graphene Nanopowder APS 6-8 nm/ 99.5%	SSA 120-150 m <sup>2</sup> /g - black platelets	250 g
Nano-powders	CFF-NP112-25	Graphene Nanopowder APS 11-15 nm/ 99.5%	SSA 50-80 m <sup>2</sup> /g - black platelets	25 g
Nano-powders	CFF-NP112-100	Graphene Nanopowder APS 11-15 nm/ 99.5%	SSA 50-80 m <sup>2</sup> /g - black platelets	100 g
Nano-powders	CFF-NP112-250	Graphene Nanopowder APS 11-15 nm/ 99.5%	SSA 50-80 m <sup>2</sup> /g - black platelets	250 g
Nano-powders	CFF-NP114-250	Graphene Nanopowder, Thickness 0.55-3.74 nm / Size 0.5-3 micron / Layer 1-10/ 98+%	SSA 500-1000 m <sup>2</sup> /g - black powder	250 mg
Nano-powders	CFF-NP114-1	Graphene Nanopowder, Thickness 0.55-3.74 nm / Size 0.5-3 micron / Layer 1-10/ 98+%	SSA 500-1000 m <sup>2</sup> /g - black powder	1 g
Powders	009075-500	Graphite powder 40-100 micron, 0.4% ash/ 99+%		500 g
Powders	009075-1	Graphite powder 40-100 micron, 0.4% ash/ 99+%		1 kg
Powders	009076-100	Graphite powder <100 micron, <30ppm ash/ 99.9+%		100 g
Powders	009076-500	Graphite powder <100 micron, <30ppm ash/ 99.9+%		500 g
Foils	009077-100X200	Graphite foil 0.25 mm, 0.5-1% ash		100x200 mm
Foils	009077-500X1000	Graphite foil 0.25 mm, 0.5-1% ash		500x1000 mm
Foils	009078-100X200	Graphite foil 0.5 mm, 0.5-1% ash		100x200 mm
Foils	009078-500X1000	Graphite foil 0.5 mm, 0.5-1% ash		500x1000 mm
Foils	009079-250X500	Graphite foil 1.0 mm, 0.5-1% ash		250x500 mm
Foils	904196-250X500	Graphite plate 2 mm, 0.5-1% ash		250x500 mm

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Shape	Product Code	Product Description	Details	Unit
Rods	900115-300	Graphite rod 3.05 x 300 mm <10 ppm ash/ 99.999+%		300 mm
Rods	900115-5X300	Graphite rod 3.05 x 300 mm <10 ppm ash/ 99.999+%		5x300 mm
Rods	901670-300	Graphite rod 17 mm diameter, <5 ppm ash		300 mm
Rods	009081-300	Graphite rod 20 x 300 mm, <10 ppm ash		300 mm
Rods	903116-300	Graphite rod 20 x 300 mm, <100 ppm ash		300 mm
Rods	009082-300	Graphite rod 30 x 300 mm, <10 ppm ash		300 mm
Rods	903119-300	Graphite rod 30 x 300 mm, <100 ppm ash		300 mm
Rods	903004-500	Graphite rod 60 mm diameter		500 mm

## Cerium

### Ce [7440-45-1]

Granules	009086-50	Cerium Chips/ 99.9% (REO)		50 g
Granules	009087-50	Cerium Pieces <13 mm (under mineral oil)/ 99.9% (REO)		50 g
Foils	009088-25X50	Cerium Foil 0.25 mm/ 99.9% (REO)	(ca. 2.08 g/25 x 50 mm)	25x50 mm
Foils	900839-25X25	Cerium Foil 0.5 mm/ 99.9% (REO)	(ca. 2.08 g/25 x 25 mm)	25x25 mm
Foils	900839-50X50	Cerium Foil 0.5 mm/ 99.9% (REO)	(ca. 8.3 g/50 x 50 mm)	50x50 mm
Foils	900839-100X100	Cerium Foil 0.5 mm/ 99.9% (REO)	(ca. 33.3 g/100 x 100 mm)	100x100 mm
Foils	900840-25X50	Cerium Foil 1.0 mm/ 99.9% (REO)	(ca. 8.3 g/25 x 50 mm)	25x50 mm
Wires	903584-10	Cerium Wire 1 mm diameter/ 99.9% (REO)	(ca. 5.32 g/m)	10 cm
Wires	903584-25	Cerium Wire 1 mm diameter/ 99.9% (REO)	(ca. 5.32 g/m)	25 cm
Rods	904854-50	Cerium Rod 2 mm diameter/ 99.9% (REO)	(ca. 0.21 g/cm)	50 mm
Rods	904854-100	Cerium Rod 2 mm diameter/ 99.9% (REO)	(ca. 0.21 g/cm)	100 mm
Rods	904762-50	Cerium Rod 3 mm diameter/ 99.9% (REO)	(ca. 0.48 g/cm)	50 mm
Rods	904762-100	Cerium Rod 3 mm diameter/ 99.9% (REO)	(ca. 0.48 g/cm)	100 mm
Rods	009089-100	Cerium Rod 12.5 mm diameter/ 99.9% (REO)	(ca. 120 mm)	100 g
Sputtering Targets	905099-25	Cerium Sputtering Target 3 mm/ 99.9% (REO)	25 mm diameter	1 piece
Sputtering Targets	905099-50	Cerium Sputtering Target 3 mm/ 99.9% (REO)	50 mm diameter	1 piece
Sputtering Targets	905099-75	Cerium Sputtering Target 3 mm/ 99.9% (REO)	75 mm diameter	1 piece
Sputtering Targets	905099-100	Cerium Sputtering Target 3 mm/ 99.9% (REO)	100 mm diameter	1 piece
Sputtering Targets	905106-25	Cerium Sputtering Target 6 mm/ 99.9% (REO)	25 mm diameter	1 piece
Sputtering Targets	905106-50	Cerium Sputtering Target 6 mm/ 99.9% (REO)	50 mm diameter	1 piece
Sputtering Targets	905106-75	Cerium Sputtering Target 6 mm/ 99.9% (REO)	75 mm diameter	1 piece

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Shape	Product Code	Product Description	Details	Unit
<b>Cesium</b>		<b>Cs [7440-46-2]</b>		
Ingots	009091-5	Cesium Metal, ampouled/ 99.9%		5 g
Ingots	009091-25	Cesium Metal, ampouled/ 99.9%		25 g
Ingots	009092-1	Cesium Metal, ampouled/ 99.95+%		1 g
Ingots	009092-5	Cesium Metal, ampouled/ 99.95+%		5 g
Ingots	009092-25	Cesium Metal, ampouled/ 99.95+%		25 g
Ingots	904615-5	Cesium Metal, ampouled/ 99.985+%		5 g
Ingots	904615-25	Cesium Metal, ampouled/ 99.985+%		25 g

**Chromium****Cr [7440-47-3]**

Nano-powders	CFF-NP069-5	Chromium Nanopowder APS 50 nm, coated with oleic acid/ 99.5%	~spherical, grey and black powder	5 g
Nano-powders	CFF-NP069-10	Chromium Nanopowder APS 50 nm, coated with oleic acid/ 99.5%	~spherical, grey and black powder	10 g
Nano-powders	CFF-NP069-25	Chromium Nanopowder APS 50 nm, coated with oleic acid/ 99.5%	~spherical, grey and black powder	25 g
Powders	009539-250	Chromium Powder <160 micron/ 99+%		250 g
Powders	009539-1	Chromium Powder <160 micron/ 99+%		1 kg
Powders	009547-250	Chromium Powder <500 micron/ 99.9%		250 g
Powders	009547-1	Chromium Powder <500 micron/ 99.9%		1 kg
Powders	009540-10	Chromium Powder -100, +325 mesh/ 99.99%		10 g
Powders	009540-50	Chromium Powder -100, +325 mesh/ 99.99%		50 g
Granules	009542-50	Chromium Granules 0.5-2 mm low oxygen/ 99.98%	(max. 300 ppm Oxygene)	50 g
Granules	009543-250	Chromium Granules 1-3 mm/ 99+%		250 g
Granules	009543-1	Chromium Granules 1-3 mm/ 99+%		1 kg
Granules	009541-25	Chromium Granules 1-3 mm/ 99.94+%		25 g
Granules	009541-100	Chromium Granules 1-3 mm/ 99.94+%		100 g
Granules	900852-10	Chromium Pieces 1-6 mm/ 99.998%		10 g
Granules	900852-25	Chromium Pieces 1-6 mm/ 99.998%		25 g
Granules	903118-25	Chromium Pieces 2-4.7 mm/ 99.99%		25 g
Granules	903118-100	Chromium Pieces 2-4.7 mm/ 99.99%		100 g
Granules	009544-25	Chromium Pieces 3-6 mm/ 99.99%		25 g
Granules	009544-100	Chromium Pieces 3-6 mm/ 99.99%		100 g
Granules	901851-25	Chromium Pieces <25 mm/ 99.99%		25 g
Granules	901851-100	Chromium Pieces <25 mm/ 99.99%		100 g
Granules	009545-250	Chromium Pieces <25 mm/ 99+%		250 g
Granules	009545-1	Chromium Pieces <25 mm/ 99+%		1 kg
Granules	904088-250	Chromium electrolytic pieces/ 99.9%	Oxygen <1000 ppm, tablets appr. 30x18 mm	250 g
Granules	904088-1	Chromium electrolytic pieces/ 99.9%	Oxygen <1000 ppm, tablets appr. 30x18 mm	1 kg
Foils	904135-25X25	Chromium Foil 0.5 mm/ 99.95%	(ca. 2.2 g/25 x 25 mm)	25x25 mm
Foils	904135-50X50	Chromium Foil 0.5 mm/ 99.95%	(ca. 9 g/50 x 50 mm)	50x50 mm
Foils	904135-100X100	Chromium Foil 0.5 mm/ 99.95%	(ca. 36 g/100 x 100 mm)	100x100 mm
Foils	904980-50X50	Chromium Foil 0.5 mm/ 99.99%	(ca. 9 g/50 x 50 mm)	50x50 mm
Foils	904539-50X50	Chromium Foil 1 mm/ 99.95%	(ca. 18 g/50 x 50 mm)	50x50 mm
Foils	904539-100X100	Chromium Foil 1 mm/ 99.95%	(ca. 71.9 g/100 x 100 mm)	100x100 mm
Foils	904981-50X50	Chromium Foil 1 mm/ 99.99%	(ca. 18 g/50 x 50 mm)	50x50 mm
Rods	904982-50	Chromium Rod 0.5 mm diameter/ 99.95%	(ca. 1.41 g/m)	50 mm

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Shape	Product Code	Product Description	Details	Unit
Rods	904392-10	Chromium Rod 1 mm diameter/ 99.95%	(ca. 5.64 g/m)	10 mm
Rods	904392-50	Chromium Rod 1 mm diameter/ 99.95%	(ca. 5.64 g/m)	50 mm
Rods	904392-100	Chromium Rod 1 mm diameter/ 99.95%	(ca. 5.64 g/m)	100 mm
Rods	904393-10	Chromium Rod 2 mm diameter/ 99.95%	(ca. 22.58 g/m)	10 mm
Rods	904393-50	Chromium Rod 2 mm diameter/ 99.95%	(ca. 22.58 g/m)	50 mm
Rods	904393-100	Chromium Rod 2 mm diameter/ 99.95%	(ca. 22.58 g/m)	100 mm
Rods	904014-10	Chromium Rod 3 mm diameter/ 99.95%	(ca. 50.8 g/m)	10 mm
Rods	904014-50	Chromium Rod 3 mm diameter/ 99.95%	(ca. 50.8 g/m)	50 mm
Rods	904014-100	Chromium Rod 3 mm diameter/ 99.95%	(ca. 50.8 g/m)	100 mm
Rods	904394-10	Chromium Rod 5 mm diameter/ 99.95%	(ca. 1.41 g/cm)	10 mm
Rods	904394-50	Chromium Rod 5 mm diameter/ 99.95%	(ca. 1.41 g/cm)	50 mm
Rods	904394-100	Chromium Rod 5 mm diameter/ 99.95%	(ca. 1.41 g/cm)	100 mm
Rods	902474-10	Chromium Rod 6 mm diameter/ 99.7%	(ca. 2.03 g/cm)	10 mm
Rods	902474-25	Chromium Rod 6 mm diameter/ 99.7%	(ca. 2.03 g/cm)	25 mm
Rods	902474-80	Chromium Rod 6 mm diameter/ 99.7%	(ca. 2.03 g/cm)	80 mm
Rods	904983-50	Chromium Rod 8 mm diameter/ 99.95%	(ca. 3.61 g/cm)	50 mm
Rods	904984-50	Chromium Rod 10 mm diameter/ 99.95%	(ca. 5.64 g/cm)	50 mm
Sputtering Targets	904859-25	Chromium Sputtering Target 0.5 mm/ 99.95%	25 mm diameter	1 piece
Sputtering Targets	904859-50	Chromium Sputtering Target 0.5 mm/ 99.95%	50 mm diameter	1 piece
Sputtering Targets	904859-75	Chromium Sputtering Target 0.5 mm/ 99.95%	75 mm diameter	1 piece
Sputtering Targets	904859-100	Chromium Sputtering Target 0.5 mm/ 99.95%	100 mm diameter	1 piece
Sputtering Targets	905084-50	Chromium Sputtering Target 1 mm/ 99.95%	50 mm diameter	1 piece
Sputtering Targets	905085-50	Chromium Sputtering Target 1.5 mm/ 99.95%	50 mm diameter	1 piece
Sputtering Targets	904294-25	Chromium Sputtering Target 3 mm/ 99.95%	25 mm diameter	1 piece
Sputtering Targets	904294-50	Chromium Sputtering Target 3 mm/ 99.95%	50 mm diameter	1 piece
Sputtering Targets	904294-75	Chromium Sputtering Target 3 mm/ 99.95%	75 mm diameter	1 piece
Sputtering Targets	904294-100	Chromium Sputtering Target 3 mm/ 99.95%	100 mm diameter	1 piece
Sputtering Targets	904294-125	Chromium Sputtering Target 3 mm/ 99.95%	125 mm diameter	1 piece
Sputtering Targets	904294-150	Chromium Sputtering Target 3 mm/ 99.95%	150 mm diameter	1 piece
Sputtering Targets	904860-25	Chromium Sputtering Target 3 mm/ 99.99%	25 mm diameter	1 piece
Sputtering Targets	904860-50	Chromium Sputtering Target 3 mm/ 99.99%	50 mm diameter	1 piece
Sputtering Targets	904860-75	Chromium Sputtering Target 3 mm/ 99.99%	75 mm diameter	1 piece
Sputtering Targets	904860-100	Chromium Sputtering Target 3 mm/ 99.99%	100 mm diameter	1 piece
Sputtering Targets	904860-125	Chromium Sputtering Target 3 mm/ 99.99%	125 mm diameter	1 piece
Sputtering Targets	904860-150	Chromium Sputtering Target 3 mm/ 99.99%	150 mm diameter	1 piece
Sputtering Targets	903321-25	Chromium Sputtering Target 6 mm/ 99.95%	25 mm diameter	1 piece

Shape	Product Code	Product Description	Details	Unit
Sputtering Targets	903321-50	Chromium Sputtering Target 6 mm/ 99.95%	50 mm diameter	1 piece
Sputtering Targets	903321-75	Chromium Sputtering Target 6 mm/ 99.95%	75 mm diameter	1 piece
Sputtering Targets	903321-100	Chromium Sputtering Target 6 mm/ 99.95%	100 mm diameter	1 piece
Sputtering Targets	903321-125	Chromium Sputtering Target 6 mm/ 99.95%	125 mm diameter	1 piece
Sputtering Targets	903321-150	Chromium Sputtering Target 6 mm/ 99.95%	150 mm diameter	1 piece
Sputtering Targets	904861-25	Chromium Sputtering Target 6 mm/ 99.99%	25 mm diameter	1 piece
Sputtering Targets	904861-50	Chromium Sputtering Target 6 mm/ 99.99%	50 mm diameter	1 piece
Sputtering Targets	904861-75	Chromium Sputtering Target 6 mm/ 99.99%	75 mm diameter	1 piece
Sputtering Targets	904861-100	Chromium Sputtering Target 6 mm/ 99.99%	100 mm diameter	1 piece
Sputtering Targets	904861-125	Chromium Sputtering Target 6 mm/ 99.99%	125 mm diameter	1 piece
Sputtering Targets	904861-150	Chromium Sputtering Target 6 mm/ 99.99%	150 mm diameter	1 piece

## Cobalt

### Co [7440-48-4]

Nano-powders	CFF-NP070-5	Cobalt Nanopowder APS 28 nm/ 99.8%	SSA 40-60 m <sup>2</sup> /g - spherical, grey and black powder partially passivated	5 g
Nano-powders	CFF-NP070-10	Cobalt Nanopowder APS 28 nm/ 99.8%	SSA 40-60 m <sup>2</sup> /g - spherical, grey and black powder partially passivated	10 g
Nano-powders	CFF-NP070-25	Cobalt Nanopowder APS 28 nm/ 99.8%	SSA 40-60 m <sup>2</sup> /g - spherical, grey and black powder partially passivated	25 g
Nano-powders	CFF-NP070-100	Cobalt Nanopowder APS 28 nm/ 99.8%	SSA 40-60 m <sup>2</sup> /g - spherical, grey and black powder partially passivated	100 g
Powders	009093-25	Cobalt Powder 2-4 micron/ 99.5%		25 g
Powders	009093-100	Cobalt Powder 2-4 micron/ 99.5%		100 g
Powders	009093-500	Cobalt Powder 2-4 micron/ 99.5%		500 g
Powders	009094-25	Cobalt Powder -200, +325 mesh (Ni <1500 ppm)/ 99.8+%		25 g
Powders	009094-100	Cobalt Powder -200, +325 mesh (Ni <1500 ppm)/ 99.8+%		100 g
Powders	902414-100	Cobalt Powder -200 mesh/ 99.9%		100 g
Powders	902414-500	Cobalt Powder -200 mesh/ 99.9%		500 g
Powders	009095-5	Cobalt Powder -50 mesh (Ni <1500 ppm)/ 99.99%		5 g
Powders	009095-25	Cobalt Powder -50 mesh (Ni <1500 ppm)/ 99.99%		25 g
Granules	900853-25	Cobalt Flake, electrolytic/ 99.9%		25 g
Granules	900853-100	Cobalt Flake, electrolytic/ 99.9%		100 g
Granules	904420-10	Cobalt Granules 1-1.5 mm/ 99.95% (metals basis)		10 g
Granules	904420-50	Cobalt Granules 1-1.5 mm/ 99.95% (metals basis)		50 g
Granules	902035-10	Cobalt Pellets 6.35 x 6.35 mm/ 99.95%		10 g
Granules	902035-50	Cobalt Pellets 6.35 x 6.35 mm/ 99.95%		50 g
Granules	904758-25	Cobalt Granules <10 mm/ 99.95% (metals basis)		25 g
Granules	904758-100	Cobalt Granules <10 mm/ 99.95% (metals basis)		100 g

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Shape	Product Code	Product Description	Details	Unit
Granules	904758-500	Cobalt Granules <10 mm/ 99.95% (metals basis)		500 g
Granules	009096-50	Cobalt Shot <13 mm (Ni <2000 ppm)/ 99.5%		50 g
Granules	009096-100	Cobalt Shot <13 mm (Ni <2000 ppm)/ 99.5%		100 g
Granules	009096-500	Cobalt Shot <13 mm (Ni <2000 ppm)/ 99.5%		500 g
Foils	901299-25X25	Cobalt Foil 0.1 mm / 99.9%	(ca. 0.56 g/25 x 25 mm)	25x25 mm
Foils	901299-50X50	Cobalt Foil 0.1 mm / 99.9%	(ca. 2.2 g/50 x 50 mm)	50x50 mm
Foils	901299-100X100	Cobalt Foil 0.1 mm / 99.9%	(ca. 9 g/100 x 100 mm)	100x100 mm
Foils	009097-50X50	Cobalt Foil 0.1 mm/ 99.99+%	(ca. 2.2 g/50 x 50 mm)	50x50 mm
Foils	903951-20X20	Cobalt Foil 0.125 mm/ 99.9%	(ca. 0.44 g/20 x 20 mm)	20x20 mm
Foils	903951-50X50	Cobalt Foil 0.125 mm/ 99.9%	(ca. 2.8 g/50 x 50 mm)	50x50 mm
Foils	903951-100X100	Cobalt Foil 0.125 mm/ 99.9%	(ca. 11.2 g/100 x 100 mm)	100x100 mm
Foils	902420-50X50	Cobalt Foil 0.25 mm/ 99.95%	(ca. 5.6 g/50 x 50 mm)	50x50 mm
Foils	009098-25X25	Cobalt Foil 0.5 mm/ 99.9%	(ca. 2.8 g/25 x 25 mm)	25x25 mm
Foils	009098-50X50	Cobalt Foil 0.5 mm/ 99.9%	(ca. 11.2 g/50 x 50 mm)	50x50 mm
Foils	009098-100X100	Cobalt Foil 0.5 mm/ 99.9%	(ca. 44.8 g/100 x 100 mm)	100x100 mm
Wires	902419-25	Cobalt Wire 0.5 mm diameter/ 99.95%	(ca. 1.75 g/m)	25 cm
Wires	902419-1	Cobalt Wire 0.5 mm diameter/ 99.95%	(ca. 1.75 g/m)	1 m
Wires	009099-10	Cobalt Wire 1.0 mm diameter/ 99.998%	(ca. 10.1 g/m)	10 cm
Wires	009099-50	Cobalt Wire 1.0 mm diameter/ 99.998%	(ca. 10.1 g/m)	50 cm
Wires	902172-2	Cobalt Wire 2.0 mm diameter/ 99.99+%	(ca. 28.0 g/m)	2 cm
Wires	902172-10	Cobalt Wire 2.0 mm diameter/ 99.99+%	(ca. 28.0 g/m)	10 cm
Rods	904769-50	Cobalt Rod 2 mm diameter/ 99.95%	(ca. 0.28 g/cm)	50 mm
Rods	904769-250	Cobalt Rod 2 mm diameter/ 99.95%	(ca. 0.28 g/cm)	250 mm
Rods	901243-50	Cobalt Rod 5.0 mm diameter/ 99.95%	(ca. 1.75 g/cm)	50 mm
Rods	901243-150	Cobalt Rod 5.0 mm diameter/ 99.95%	(ca. 1.75 g/cm)	150 mm
Rods	009100-50	Cobalt Rod 5 mm diameter/ 99.995%	(ca. 1.75 g/cm)	50 mm
Rods	902315-50	Cobalt Rod 12 mm diameter/ 99.95%	(ca. 10.1 g/cm)	50 mm
Sputtering Targets	904295-25	Cobalt Sputtering Target 3 mm/ 99.9%	25 mm diameter	1 piece
Sputtering Targets	904295-50	Cobalt Sputtering Target 3 mm/ 99.9%	50 mm diameter	1 piece
Sputtering Targets	904295-75	Cobalt Sputtering Target 3 mm/ 99.9%	75 mm diameter	1 piece
Sputtering Targets	904295-100	Cobalt Sputtering Target 3 mm/ 99.9%	100 mm diameter	1 piece
Sputtering Targets	904295-125	Cobalt Sputtering Target 3 mm/ 99.9%	125 mm diameter	1 piece
Sputtering Targets	904295-150	Cobalt Sputtering Target 3 mm/ 99.9%	150 mm diameter	1 piece
Sputtering Targets	904296-25	Cobalt Sputtering Target 3 mm/ 99.99+%	25 mm diameter	1 piece
Sputtering Targets	904296-50	Cobalt Sputtering Target 3 mm/ 99.99+%	50 mm diameter	1 piece
Sputtering Targets	904296-75	Cobalt Sputtering Target 3 mm/ 99.99+%	75 mm diameter	1 piece
Sputtering Targets	904296-100	Cobalt Sputtering Target 3 mm/ 99.99+%	100 mm diameter	1 piece
Sputtering Targets	904296-125	Cobalt Sputtering Target 3 mm/ 99.99+%	125 mm diameter	1 piece
Sputtering Targets	904296-150	Cobalt Sputtering Target 3 mm/ 99.99+%	150 mm diameter	1 piece
Sputtering Targets	904297-25	Cobalt Sputtering Target 6 mm/ 99.9%	25 mm diameter	1 piece



Shape	Product Code	Product Description	Details	Unit
Sputtering Targets	904297-50	Cobalt Sputtering Target 6 mm/ 99.9%	50 mm diameter	1 piece
Sputtering Targets	904297-75	Cobalt Sputtering Target 6 mm/ 99.9%	75 mm diameter	1 piece
Sputtering Targets	904297-100	Cobalt Sputtering Target 6 mm/ 99.9%	100 mm diameter	1 piece
Sputtering Targets	904297-125	Cobalt Sputtering Target 6 mm/ 99.9%	125 mm diameter	1 piece
Sputtering Targets	904297-150	Cobalt Sputtering Target 6 mm/ 99.9%	150 mm diameter	1 piece
Sputtering Targets	903322-25	Cobalt Sputtering Target 6 mm/ 99.99+%	25 mm diameter	1 piece
Sputtering Targets	903322-50	Cobalt Sputtering Target 6 mm/ 99.99+%	50 mm diameter	1 piece
Sputtering Targets	903322-75	Cobalt Sputtering Target 6 mm/ 99.99+%	75 mm diameter	1 piece
Sputtering Targets	903322-100	Cobalt Sputtering Target 6 mm/ 99.99+%	100 mm diameter	1 piece
Sputtering Targets	903322-125	Cobalt Sputtering Target 6 mm/ 99.99+%	125 mm diameter	1 piece
Sputtering Targets	903322-150	Cobalt Sputtering Target 6 mm/ 99.99+%	150 mm diameter	1 piece

## Copper

## Cu [7440-50-8]

Nano-powders	CFF-NP106-100	Copper Nanopowder APS 5-7 nm, 14 wt% Dispersion in Organic Media	APS 5-7 nm	100 g
Nano-powders	CFF-NP106-500	Copper Nanopowder APS 5-7 nm, 14 wt% Dispersion in Organic Media	APS 5-7 nm	500 g
Nano-powders	CFF-NP071-5	Copper Nanopowder APS 25 nm/ 99.5%	SSA 30-50 m <sup>2</sup> /g - spherical, black powder partially passivated	5 g
Nano-powders	CFF-NP071-10	Copper Nanopowder APS 25 nm/ 99.5%	SSA 30-50 m <sup>2</sup> /g - spherical, black powder partially passivated	10 g
Nano-powders	CFF-NP071-25	Copper Nanopowder APS 25 nm/ 99.5%	SSA 30-50 m <sup>2</sup> /g - spherical, black powder partially passivated	25 g
Nano-powders	CFF-NP071-100	Copper Nanopowder APS 25 nm/ 99.5%	SSA 30-50 m <sup>2</sup> /g - spherical, black powder partially passivated	100 g
Nano-powders	904211-5	Copper Nanopowder APS 60-80 nm/ 99.9%	SSA 6-8 m <sup>2</sup> /g - spherical, black powder partially passivated	5 g
Nano-powders	904211-10	Copper Nanopowder APS 60-80 nm/ 99.9%	SSA 6-8 m <sup>2</sup> /g - spherical, black powder partially passivated	10 g
Nano-powders	904211-25	Copper Nanopowder APS 60-80 nm/ 99.9%	SSA 6-8 m <sup>2</sup> /g - spherical, black powder partially passivated	25 g
Nano-powders	904211-100	Copper Nanopowder APS 60-80 nm/ 99.9%	SSA 6-8 m <sup>2</sup> /g - spherical, black powder partially passivated	100 g
Powders	904435-50	Copper Powder Cu-OF atomized >10 micron, d50 = 15 micron/ 99.95% (metals basis)		50 g
Powders	904435-250	Copper Powder Cu-OF atomized >10 micron, d50 = 15 micron/ 99.95% (metals basis)		250 g
Powders	900854-250	Copper Powder, spherical -325 mesh/ 99%		250 g
Powders	009102-1	Copper Powder <100 micron/ 99.8%		1 kg
Powders	903988-100	Copper Powder <150 micron, spherical/ 99.99%		100 g
Powders	009103-1	Copper Powder < 250 micron/ 99.8%		1 kg
Powders	009104-1	Copper Powder < 500 micron/ 99.8%		1 kg
Powders	009105-50	Copper Powder -20, +50 mesh/ 99.95%		50 g
Powders	009105-250	Copper Powder -20, +50 mesh/ 99.95%		250 g

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Shape	Product Code	Product Description	Details	Unit
Granules	903087-50	Copper Clippings 2.4 x 5 mm/ 99.99%		50 g
Granules	903087-250	Copper Clippings 2.4 x 5 mm/ 99.99%		250 g
Granules	009107-50	Copper Shot 2-6 mm/ 99.9%		50 g
Granules	009107-250	Copper Shot 2-6 mm/ 99.9%		250 g
Granules	009108-50	Copper Shot 2-6 mm/ 99.999%		50 g
Granules	009108-250	Copper Shot 2-6 mm/ 99.999%		250 g
Granules	901740-10	Copper Shot 3-5 mm/ 99.9999%		10 g
Granules	901740-50	Copper Shot 3-5 mm/ 99.9999%		50 g
Granules	900767-50	Copper Shot < 6 mm, vacuum melted/ 99.999%		50 g
Granules	900767-250	Copper Shot < 6 mm, vacuum melted/ 99.999%		250 g
Granules	901994-25	Copper Pellets 6 x 6 mm/ 99.99%		25 g
Granules	901994-100	Copper Pellets 6 x 6 mm/ 99.99%		100 g
Granules	901994-250	Copper Pellets 6 x 6 mm/ 99.99%		250 g
Granules	901708-1	Copper Pellets 15 mm/ 99.9%		1 kg
Ingots	900307-200	Copper Bar/ 99.999%		200 g
Ingots	900307-800	Copper Bar/ 99.999%		800 g
Ingots	900308-200	Copper Bar/ 99.9998		200 g
Ingots	900308-800	Copper Bar/ 99.9998		800 g
Foils	904526-50X50	Copper Foil 0.025 mm/ 99.9%	(ca. 0.56 g/50 x 50 mm)	50x50 mm
Foils	904526-100X100	Copper Foil 0.025 mm/ 99.9%	(ca. 2.24 g/100 x 100 mm)	100x100 mm
Foils	904527-150X150	Copper Foil 0.035 mm/ 99.95%	(ca. 7.06 g/150 x 150 mm)	150x150 mm
Foils	904528-50X50	Copper Foil 0.05 mm, hard/ 99.9%	(ca. 1.12 g/50 x 50 mm)	50x50 mm
Foils	904528-100X100	Copper Foil 0.05 mm, hard/ 99.9%	(ca. 4.48 g/100 x 100 mm)	100x100 mm
Foils	904530-50X50	Copper Foil 0.05 mm (OFHC), hard/ 99.95+%	(ca. 1.12 g/50 x 50 mm)	50x50 mm
Foils	904530-100X100	Copper Foil 0.05 mm (OFHC), hard/ 99.95+%	(ca. 4.48 g/100 x 100 mm)	100x100 mm
Foils	904529-50X50	Copper Foil 0.05 mm/ 99.995+%	(ca. 1.12 g/50 x 50 mm)	50x50 mm
Foils	904529-100X100	Copper Foil 0.05 mm/ 99.995+%	(ca. 4.48 g/100 x 100 mm)	100x100 mm
Foils	904531-150X150	Copper Foil 0.07 mm/ 99.95%	(ca. 14.11 g/150 x 150 mm)	150x150 mm
Foils	904773-20X10000	Copper Foil 0.1 mm/ 99.98%	(ca. 178 g/20 mm x 10 m)	20x10000 mm
Foils	904773-40X10000	Copper Foil 0.1 mm/ 99.98%	(ca. 356 g/40 mm x 10 m)	40x10000 mm
Foils	904773-60X10000	Copper Foil 0.1 mm/ 99.98%	(ca. 534 g/60 mm x 10 m)	60x10000 mm
Foils	904773-80X10000	Copper Foil 0.1 mm/ 99.98%	(ca. 712 g/80 mm x 10 m)	80x10000 mm
Foils	904773-100X5000	Copper Foil 0.1 mm/ 99.98%	(ca. 445 g/100 mm x 5 m)	100x5000 mm
Foils	904773-150X5000	Copper Foil 0.1 mm/ 99.98%	(ca. 668 g/150 mm x 5 m)	150x5000 mm
Foils	904773-200X5000	Copper Foil 0.1 mm/ 99.98%	(ca. 890 g/200 mm x 5 m)	200x5000 mm
Foils	904773-300X5000	Copper Foil 0.1 mm/ 99.98%	(ca. 1.335 kg/300 mm x 5 m)	300x5000 mm
Foils	902461-50X50	Copper Foil (OFHC) 0.1 mm/ 99.99%	(ca. 2.24 g/50 x 50 mm)	50x50 mm
Foils	902461-100X100	Copper Foil (OFHC) 0.1 mm/ 99.99%	(ca. 8.96 g/100 x 100 mm)	100x100 mm
Foils	902461-150X150	Copper Foil (OFHC) 0.1 mm/ 99.99%	(ca. 20.16 g/150 x 150 mm)	150x150 mm
Foils	009115-50X50	Copper Foil 0.1 mm/ 99.99+%	(ca. 2.24 g/50 x 50 mm)	50x50 mm
Foils	009115-100X100	Copper Foil 0.1 mm/ 99.99+%	(ca. 8.96 g/100 x 100 mm)	100x100 mm
Foils	904532-50X50	Copper Foil 0.1 mm, annealed/ 99.998%	(ca. 2.24 g/50 x 50 mm)	50x50 mm
Foils	904532-100X100	Copper Foil 0.1 mm, annealed/ 99.998%	(ca. 8.96 g/100 x 100 mm)	100x100 mm
Foils	904534-50X50	Copper Foil 0.125 mm (OFHC), annealed/ 99.99%	(ca. 2.8 g/50 x 50 mm)	50x50 mm
Foils	904534-100X100	Copper Foil 0.125 mm (OFHC), annealed/ 99.99%	(ca. 11.2 g/100 x 100 mm)	100x100 mm
Foils	904534-150X150	Copper Foil 0.125 mm (OFHC), annealed/ 99.99%	(ca. 25.2 g/150 x 150 mm)	150x150 mm
Foils	904533-50X50	Copper Foil 0.125 mm/ 99.995%	(ca. 2.8 g/50 x 50 mm)	50x50 mm
Foils	904533-100X100	Copper Foil 0.125 mm/ 99.995%	(ca. 11.2 g/100 x 100 mm)	100x100 mm
Foils	009116-100X100	Copper Foil 0.25 mm/ 99.9%	(ca. 22.4 g/100 x 100 mm)	100x100 mm
Foils	009116-100X200	Copper Foil 0.25 mm/ 99.9%	(ca. 44.8 g/100 x 200 mm)	100x200 mm
Foils	903377-100X100	Copper Foil 0.25 mm/ 99.99+%	(ca. 22.4 g/100 x 100 mm)	100x100 mm

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Shape	Product Code	Product Description	Details	Unit
Foils	902084-50X50	Copper Foil (OFHC) 0.25 mm/ 99.95+%	(ca. 5.6 g/50 x 50 mm)	50x50 mm
Foils	902084-100X100	Copper Foil (OFHC) 0.25 mm/ 99.95+%	(ca. 22.4 g/100 x 100 mm)	100x100 mm
Foils	902084-150X150	Copper Foil (OFHC) 0.25 mm/ 99.95+%	(ca. 50.4 g/150 x 150 mm)	150x150 mm
Foils	904574-50X50	Copper Foil 0.25 mm/ 99.995%	(ca. 5.6 g/50 x 50 mm)	50x50 mm
Foils	904574-100X100	Copper Foil 0.25 mm/ 99.995%	(ca. 22.4 g/100 x 100 mm)	100x100 mm
Foils	904535-50X50	Copper Foil 0.4 mm/ 99.9%	(ca. 8.95 g/50 x 50 mm)	50x50 mm
Foils	904535-100X100	Copper Foil 0.4 mm/ 99.9%	(ca. 35.8 g/100 x 100 mm)	100x100 mm
Foils	902085-50X50	Copper Foil (OFHC) 0.5 mm/ 99.95+%	(ca. 11.2 g/50 x 50 mm)	50x50 mm
Foils	902085-100X100	Copper Foil (OFHC) 0.5 mm/ 99.95+%	(ca. 44.8 g/100 x 100 mm)	100x100 mm
Foils	902085-150X150	Copper Foil (OFHC) 0.5 mm/ 99.95+%	(ca. 101 g/150 x 150 mm)	150x150 mm
Foils	009117-50X50	Copper Foil 0.5 mm/ 99.99+%	(ca. 11.2 g/50 x 50 mm)	50x50 mm
Foils	009117-100X100	Copper Foil 0.5 mm/ 99.99+%	(ca. 44.8 g/100 x 100 mm)	100x100 mm
Foils	904573-25X25	Copper Foil 0.5 mm/ 99.995+%	(ca. 2.8 g/25 x 25 mm)	25x25 mm
Foils	904573-50X50	Copper Foil 0.5 mm/ 99.995+%	(ca. 11.2 g/50 x 50 mm)	50x50 mm
Foils	904573-100X100	Copper Foil 0.5 mm/ 99.995+%	(ca. 44.8 g/100 x 100 mm)	100x100 mm
Foils	904541-50X50	Copper Foil (OFHC) 1.0 mm, annealed/ 99.99%	(ca. 22.4 g/50 x 50 mm)	50x50 mm
Foils	904541-100X100	Copper Foil (OFHC) 1.0 mm, annealed/ 99.99%	(ca. 89.6 g/100 x 100 mm)	100x100 mm
Foils	904541-150X150	Copper Foil (OFHC) 1.0 mm, annealed/ 99.99%	(ca. 202 g/150 x 150 mm)	150x150 mm
Foils	009118-50X50	Copper Foil 1.0 mm/ 99.99+%	(ca. 22.4 g/50 x 50 mm)	50x50 mm
Foils	009118-100X100	Copper Foil 1.0 mm/ 99.99+%	(ca. 89.6 g/100 x 100 mm)	100x100 mm
Foils	009118-150X150	Copper Foil 1.0 mm/ 99.99+%	(ca. 202 g/150 x 150 mm)	150x150 mm
Foils	904540-50X50	Copper Foil 1.0 mm/ 99.995+%	(ca. 89.6 g/100 x 100 mm)	50x50 mm
Foils	904540-100X100	Copper Foil 1.0 mm/ 99.995+%	(ca. 89.6 g/100 x 100 mm)	100x100 mm
Foils	902610-50X50	Copper Sheet (OFHC) 2 mm/ 99.95+%	(ca. 67 g/50 x 50 mm)	50x50 mm
Foils	902610-100X100	Copper Sheet (OFHC) 2 mm/ 99.95+%	(ca. 269 g/100 x 100 mm)	100x100 mm
Foils	902610-150X150	Copper Sheet (OFHC) 2 mm/ 99.95+%	(ca. 403 g/150 x 150 mm)	150x150 mm
Foils	904542-50X50	Copper Sheet 2 mm/ 99.995+%	(ca. 44.8 g/50 x 50 mm)	50x50 mm
Foils	904544-50X50	Copper Sheet (OFHC) 3.15 mm/ 99.99%	(ca. 71 g/50 x 50 mm)	50x50 mm
Foils	904544-100X100	Copper Sheet (OFHC) 3.15 mm/ 99.99%	(ca. 282 g/100 x 100 mm)	100x100 mm
Foils	904543-50X50	Copper Sheet 3.15 mm/ 99.995+%	(ca. 71 g/50 x 50 mm)	50x50 mm
Foils	904546-100X100	Copper Sheet (OFHC) 6.35 mm/ 99.99%	(ca. 570 g/100 x 100 mm)	100x100 mm
Foils	904545-100X100	Copper Sheet 6.35 mm/ 99.995+%	(ca. 570 g/100 x 100 mm)	100x100 mm
Gauzes	904547-100X100	Copper Gauze 40 mesh, woven from 0.224 mm diameter wire/ 99.9%		100x100 mm
Gauzes	904548-50X50	Copper Gauze 50 mesh, woven from 0.18 mm diameter wire/ 99.9%		50x50 mm
Gauzes	904548-100X100	Copper Gauze 50 mesh, woven from 0.18 mm diameter wire/ 99.9%		100x100 mm
Wires	904549-10	Copper Wire (OFHC) 0.025 mm diameter, hard/ 99.99%	(ca. 0.0044 g/m)	5 m
Wires	904549-25	Copper Wire (OFHC) 0.025 mm diameter, hard/ 99.99%	(ca. 0.0044 g / m)	25 m
Wires	904550-25	Copper Wire 0.05 mm diameter, annealed/ 99.9%	(ca. 0.0176 g/m)	25 m
Wires	904550-100	Copper Wire 0.05 mm diameter, annealed/ 99.9%	(ca. 0.0176 g/m)	100 m
Wires	904551-25	Copper Wire (OFHC) 0.05 mm diameter, annealed/ 99.99%	(ca. 0.0176 g/m)	25 m
Wires	904552-25	Copper Wire (OFHC) 0.075 mm diameter, annealed/ 99.99%	(ca. 0.040 g/m)	25 m
Wires	904553-10	Copper Wire (OFHC) 0.1 mm diameter, annealed/ 99.9%	(ca. 0.070 g/m)	10 m
Wires	904553-25	Copper Wire (OFHC) 0.1 mm diameter, annealed/ 99.9%	(ca. 0.070 g/m)	25 m
Wires	009109-10	Copper Wire 0.1 mm diameter/ 99.995+%	(ca. 0.070 g/m)	10 m

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Shape	Product Code	Product Description	Details	Unit
Wires	904555-10	Copper Wire (OFHC) 0.125 mm diameter, annealed/ 99.99%	(ca. 0.11 g/m)	10 m
Wires	904555-25	Copper Wire (OFHC) 0.125 mm diameter, annealed/ 99.99%	(ca. 0.11 g/m)	25 m
Wires	904554-10	Copper Wire 0.125 mm diameter, annealed/ 99.998%	(ca. 0.11 g/m)	10 m
Wires	904554-25	Copper Wire 0.125 mm diameter, annealed/ 99.998%	(ca. 0.11 g/m)	25 m
Wires	904556-10	Copper Wire (OFHC) 0.2 mm diameter, annealed/ 99.99%	(ca. 0.28 g/m)	10 m
Wires	904556-25	Copper Wire (OFHC) 0.2 mm diameter, annealed/ 99.99%	(ca. 0.28 g/m)	25 m
Wires	009110-25	Copper Wire 0.25 mm diameter/ 99.9%	(ca. 0.44 g/m)	25 m
Wires	009110-50	Copper Wire 0.25 mm diameter/ 99.9%	(ca. 0.44 g/m)	50 m
Wires	009110-100	Copper Wire 0.25 mm diameter/ 99.9%	(ca. 0.44 g/m)	100 m
Wires	904557-10	Copper Wire (OFHC) 0.25 mm diameter, annealed/ 99.99%	(ca. 0.44 g/m)	10 m
Wires	904557-25	Copper Wire (OFHC) 0.25 mm diameter, annealed/ 99.99%	(ca. 0.44 g/m)	25 m
Wires	009111-10	Copper Wire 0.25 mm diameter/ 99.995+%	(ca. 0.44 g/m)	10 m
Wires	009111-25	Copper Wire 0.25 mm diameter/ 99.995+%	(ca. 0.44 g/m)	25 m
Wires	904558-10	Copper Wire (OFHC) 0.4 mm diameter, annealed/ 99.99%	(ca. 1.13 g/m)	10 m
Wires	904558-25	Copper Wire (OFHC) 0.4 mm diameter, annealed/ 99.99%	(ca. 1.13 g/m)	25 m
Wires	009112-25	Copper Wire 0.5 mm diameter/ 99.9%	(ca. 1.76 g/m)	25 m
Wires	009112-100	Copper Wire 0.5 mm diameter/ 99.9%	(ca. 1.76 g/m)	100 m
Wires	902481-10	Copper Wire (OFHC) 0.5 mm diameter/ 99.95+%	(ca. 1.76 g/m)	10 m
Wires	902481-25	Copper Wire (OFHC) 0.5 mm diameter/ 99.95+%	(ca. 1.76 g/m)	25 m
Wires	904559-10	Copper Wire 0.5 mm diameter, annealed/ 99.995+%	(ca. 1.76 g/m)	10 m
Wires	904559-25	Copper Wire 0.5 mm diameter, annealed/ 99.995+%	(ca. 1.76 g/m)	25 m
Wires	904561-1	Copper Wire (OFHC) 0.75 mm diameter/ 99.99%	(ca. 3.96 g/m)	1 m
Wires	904561-5	Copper Wire (OFHC) 0.75 mm diameter/ 99.99%	(ca. 3.96 g/m)	5 m
Wires	904560-1	Copper Wire 0.75 mm diameter, annealed/ 99.995+%	(ca. 3.96 g/m)	1 m
Wires	904560-5	Copper Wire 0.75 mm diameter, annealed/ 99.995+%	(ca. 3.96 g/m)	5 m
Wires	009113-50	Copper Wire 1.0 mm diameter/ 99.9%	(ca. 7.03 g/m)	50 m
Wires	009113-100	Copper Wire 1.0 mm diameter/ 99.9%	(ca. 7.03 g/m)	100 m
Wires	904563-1	Copper Wire (OFHC) 1.0 mm diameter, annealed/ 99.99%	(ca. 7.03 g/m)	1 m
Wires	904563-5	Copper Wire (OFHC) 1.0 mm diameter, annealed/ 99.99%	(ca. 7.03 g/m)	5 m
Wires	009114-1	Copper Wire 1.0 mm diameter/ 99.99+%	(ca. 7.03 g/m)	1 m
Wires	009114-5	Copper Wire 1.0 mm diameter/ 99.99+%	(ca. 7.03 g/m)	5 m
Wires	904562-1	Copper Wire 1.0 mm diameter, annealed/ 99.998%	(ca. 7.03 g/m)	1 m
Wires	904562-5	Copper Wire 1.0 mm diameter, annealed/ 99.998%	(ca. 7.03 g/m)	5 m
Wires	904565-1	Copper Wire (OFHC) 1.5 mm diameter, annealed/ 99.99%	(ca. 15.8 g/m)	1 m
Wires	904565-5	Copper Wire (OFHC) 1.5 mm diameter, annealed/ 99.99%	(ca. 15.8 g/m)	5 m
Wires	904564-1	Copper Wire 1.5 mm diameter, annealed/ 99.999%	(ca. 15.8 g/m)	1 m
Wires	904564-5	Copper Wire 1.5 mm diameter, annealed/ 99.999%	(ca. 15.8 g/m)	5 m
Wires	904567-1	Copper Wire (OFHC) 2.0 mm diameter, annealed/ 99.99%	(ca. 28.1 g/m)	1 m
Wires	904566-1	Copper Wire 2.0 mm diameter, annealed/ 99.995+%	(ca. 28.1 g/m)	1 m
Rods	009119-150	Copper Rod 3.2 mm diameter/ 99.99+%	(ca. 0.72 g/cm)	150 mm
Rods	009120-100	Copper Rod (OFHC) 6.35 mm diameter/ 99.99+%	(ca. 2.83 g/cm)	100 mm

Shape	Product Code	Product Description	Details	Unit
Rods	009120-250	Copper Rod (OFHC) 6.35 mm diameter/ 99.99+%	(ca. 2.83 g/cm)	250 mm
Rods	009121-300	Copper Rod 9.0 mm diameter/ 99.98%	(ca. 5.69 g/cm)	300 mm
Rods	901818-200	Copper Rod (OFHC) 12.7 mm diameter / 99.95+%	(ca. 11.4 g/cm)	200 mm
Rods	901818-500	Copper Rod (OFHC) 12.7 mm diameter / 99.95+%	(ca. 11.4 g/cm)	500 mm
Rods	900306-130	Copper Rod 13.5 mm diameter/ 99.999%	(ca. 12.8 g/cm)	130 mm
Rods	900855-130	Copper Rod 13.5 mm diameter/ 99.9998%	(ca. 12.8 g/cm)	130 mm
Rods	904568-100	Copper Rod (OFHC) 25 mm diameter/ 99.99+%	(ca. 43.9 g/cm)	100 mm
Rods	904569-50	Copper Rod (OFHC) 50 mm diameter/ 99.99%	(ca. 175.7 g/cm)	50 mm
Rods	904570-50	Copper Rod (OFHC) 80 mm diameter/ 99.99+%	(ca. 450 g/cm)	50 mm
Sputtering Targets	904298-25	Copper Sputtering Target 3 mm/ 99.9%	25 mm diameter	1 piece
Sputtering Targets	904298-50	Copper Sputtering Target 3 mm/ 99.9%	50 mm diameter	1 piece
Sputtering Targets	904298-75	Copper Sputtering Target 3 mm/ 99.9%	75 mm diameter	1 piece
Sputtering Targets	904298-100	Copper Sputtering Target 3 mm/ 99.9%	100 mm diameter	1 piece
Sputtering Targets	904298-125	Copper Sputtering Target 3 mm/ 99.9%	125 mm diameter	1 piece
Sputtering Targets	904298-150	Copper Sputtering Target 3 mm/ 99.9%	150 mm diameter	1 piece
Sputtering Targets	904299-25	Copper Sputtering Target 3 mm/ 99.99%	25 mm diameter	1 piece
Sputtering Targets	904299-50	Copper Sputtering Target 3 mm/ 99.99%	50 mm diameter	1 piece
Sputtering Targets	904299-75	Copper Sputtering Target 3 mm/ 99.99%	75 mm diameter	1 piece
Sputtering Targets	904299-100	Copper Sputtering Target 3 mm/ 99.99%	100 mm diameter	1 piece
Sputtering Targets	904299-125	Copper Sputtering Target 3 mm/ 99.99%	125 mm diameter	1 piece
Sputtering Targets	904299-150	Copper Sputtering Target 3 mm/ 99.99%	150 mm diameter	1 piece
Sputtering Targets	904300-25	Copper Sputtering Target 3 mm/ 99.999%	25 mm diameter	1 piece
Sputtering Targets	904300-50	Copper Sputtering Target 3 mm/ 99.999%	50 mm diameter	1 piece
Sputtering Targets	904300-75	Copper Sputtering Target 3 mm/ 99.999%	75 mm diameter	1 piece
Sputtering Targets	904300-100	Copper Sputtering Target 3 mm/ 99.999%	100 mm diameter	1 piece
Sputtering Targets	904300-125	Copper Sputtering Target 3 mm/ 99.999%	125 mm diameter	1 piece
Sputtering Targets	904300-150	Copper Sputtering Target 3 mm/ 99.999%	150 mm diameter	1 piece
Sputtering Targets	904301-25	Copper Sputtering Target 6 mm/ 99.9%	25 mm diameter	1 piece
Sputtering Targets	904301-50	Copper Sputtering Target 6 mm/ 99.9%	50 mm diameter	1 piece
Sputtering Targets	904301-75	Copper Sputtering Target 6 mm/ 99.9%	75 mm diameter	1 piece
Sputtering Targets	904301-100	Copper Sputtering Target 6 mm/ 99.9%	100 mm diameter	1 piece
Sputtering Targets	904301-125	Copper Sputtering Target 6 mm/ 99.9%	125 mm diameter	1 piece

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Shape	Product Code	Product Description	Details	Unit
Sputtering Targets	904301-150	Copper Sputtering Target 6 mm/ 99.9%	150 mm diameter	1 piece
Sputtering Targets	904302-25	Copper Sputtering Target 6 mm/ 99.99%	25 mm diameter	1 piece
Sputtering Targets	904302-50	Copper Sputtering Target 6 mm/ 99.99%	50 mm diameter	1 piece
Sputtering Targets	904302-75	Copper Sputtering Target 6 mm/ 99.99%	75 mm diameter	1 piece
Sputtering Targets	904302-100	Copper Sputtering Target 6 mm/ 99.99%	100 mm diameter	1 piece
Sputtering Targets	904302-125	Copper Sputtering Target 6 mm/ 99.99%	125 mm diameter	1 piece
Sputtering Targets	904302-150	Copper Sputtering Target 6 mm/ 99.99%	150 mm diameter	1 piece
Sputtering Targets	904303-25	Copper Sputtering Target 6 mm/ 99.999%	25 mm diameter	1 piece
Sputtering Targets	904303-50	Copper Sputtering Target 6 mm/ 99.999%	50 mm diameter	1 piece
Sputtering Targets	904303-75	Copper Sputtering Target 6 mm/ 99.999%	75 mm diameter	1 piece
Sputtering Targets	904303-100	Copper Sputtering Target 6 mm/ 99.999%	100 mm diameter	1 piece
Sputtering Targets	904303-125	Copper Sputtering Target 6 mm/ 99.999%	125 mm diameter	1 piece
Sputtering Targets	904303-150	Copper Sputtering Target 6 mm/ 99.999%	150 mm diameter	1 piece

Shape	Product Code	Product Description	Details	Unit
<b>Dysprosium</b>		<b>Dy [7429-91-6]</b>		
Powders	009122-5	Dysprosium Powder/ 99.9% (REO)		5 g
Powders	009122-25	Dysprosium Powder/ 99.9% (REO)		25 g
Granules	009123-10	Dysprosium Chips 1-3 mm/ 99.9% (REO)		10 g
Granules	009123-50	Dysprosium Chips 1-3 mm/ 99.9% (REO)		50 g
Granules	009124-10	Dysprosium Pieces <13 mm/ 99.9% (REO)		10 g
Granules	009124-50	Dysprosium Pieces <13 mm/ 99.9% (REO)		50 g
Granules	903069-10	Dysprosium Pieces distilled/ 99.99% (REO)		10 g
Granules	903069-25	Dysprosium Pieces distilled/ 99.99% (REO)		25 g
Foils	009125-25X50	Dysprosium Foil 0.25 mm/ 99.9% (REO)	(ca. 2.7 g/25 x 50 mm)	25x50 mm
Foils	901120-25X50	Dysprosium Foil 0.5 mm/ 99.9% (REO)	(ca. 5.4 g/25 x 50 mm)	25x50 mm
Wires	903599-25	Dysprosium Wire 1 mm diameter/ 99.9% (REO)	(ca. 6.72 g/m)	25 cm
Wires	903599-50	Dysprosium Wire 1 mm diameter/ 99.9% (REO)	(ca. 6.72 g/m)	50 cm
Rods	009126-25	Dysprosium Rod 6.35 mm diameter/ 99.9% (REO)	(ca. 2.71 g/cm)	25 mm
Rods	009126-100	Dysprosium Rod 6.35 mm diameter/ 99.9% (REO)	(ca. 2.71 g/cm)	100 mm
Rods	009127-10	Dysprosium Rod 12.5 mm diameter/ 99.9% (REO)	(ca. 10.5 g/cm)	10 mm
Rods	009127-50	Dysprosium Rod 12.5 mm diameter/ 99.9% (REO)	(ca. 10.5 g/cm)	50 mm

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Shape	Product Code	Product Description	Details	Unit
<b>Erbium</b>		<b>Er [7440-52-0]</b>		
Powders	009128-5	Erbium Powder/ 99.9% (REO)		5 g
Powders	009128-25	Erbium Powder/ 99.9% (REO)		25 g
Granules	009129-5	Erbium Chips/ 99.9% (REO)		5 g
Granules	009129-10	Erbium Chips/ 99.9% (REO)		10 g
Granules	009129-50	Erbium Chips/ 99.9% (REO)		50 g
Granules	009130-10	Erbium Pieces 13 mm/ 99.9% (REO)		10 g
Granules	009130-50	Erbium Pieces 13 mm/ 99.9% (REO)		50 g
Foils	009131-25X50	Erbium Foil 0.25 mm/ 99.9% (REO)	(ca. 2.8 g/25 x 50 mm)	25x50 mm
Foils	900869-25X50	Erbium Foil 0.5 mm/ 99.9% (REO)	(ca. 5.6 g/25 x 50 mm)	25x50 mm
Wires	903596-25	Erbium Wire 1 mm diameter/ 99.9% (REO)	(ca. 7.11 g/m)	25 cm
Wires	903596-50	Erbium Wire 1 mm diameter/ 99.9% (REO)	(ca. 7.11 g/m)	50 cm
Rods	009132-10	Erbium Rod 6.35 mm diameter/ 99.9% (REO)	(ca. 2.86 g/cm)	10 mm
Rods	009132-25	Erbium Rod 6.35 mm diameter/ 99.9% (REO)	(ca. 2.86 g/cm)	25 mm

### Europium

### Eu [7440-53-1]

Granules	009135-1	Europium Pieces/ 99.9% (REO) (partially oxidized, under mineral oil)		1 g
Granules	009135-5	Europium Pieces/ 99.9% (REO) (partially oxidized, under mineral oil)		5 g
Granules	903066-5	Europium Pieces distilled (ampouled under mineral oil)/ 99.99% (REO)		5 g
Granules	903066-10	Europium Pieces distilled (ampouled under mineral oil)/ 99.99% (REO)		10 g



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Shape	Product Code	Product Description	Details	Unit
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## Gadolinium

### Gd [7440-54-2]

Powders	009136-5	Gadolinium Powder/ 99.9% (REO)		5 g
Powders	009136-25	Gadolinium Powder/ 99.9% (REO)		25 g
Granules	009137-10	Gadolinium Chips/ 99.9% (REO)		10 g
Granules	009137-50	Gadolinium Chips/ 99.9% (REO)		50 g
Granules	009138-10	Gadolinium Pieces <13 mm/ 99.9% (REO)		10 g
Granules	009138-50	Gadolinium Pieces <13 mm/ 99.9% (REO)		50 g
Granules	903067-10	Gadolinium Pieces distilled/ 99.99% (REO)		10 g
Granules	903067-25	Gadolinium Pieces distilled/ 99.99% (REO)		25 g
Foils	009139-25X50	Gadolinium Foil 0.25 mm/ 99.9% (REO)	(ca. 2.5 g/25 x 50 mm)	25x50 mm
Wires	903417-50	Gadolinium Wire 2 mm diameter/ 99.9% (REO)	(ca. 6.19 g/m)	50 mm
Wires	903417-250	Gadolinium Wire 2 mm diameter/ 99.9% (REO)	(ca. 6.19 g/m)	250 mm
Rods	009140-25	Gadolinium Rod 6.35 mm diameter/ 99.9% (REO)	(ca. 2.50 g/cm)	25 mm
Rods	009140-50	Gadolinium Rod 6.35 mm diameter/ 99.9% (REO)	(ca. 2.50 g/cm)	50 mm
Rods	009141-10	Gadolinium Rod 12.5 mm diameter/ 99.9% (REO)	(ca. 9.68 g/cm)	10 mm
Rods	009141-25	Gadolinium Rod 12.5 mm diameter/ 99.9% (REO)	(ca. 9.68 g/cm)	25 mm

## Gallium

### Ga [7440-55-3]

Granules	009142-10	Gallium Pieces/ 99.99%		10 g
Granules	009142-50	Gallium Pieces/ 99.99%		50 g
Granules	009142-100	Gallium Pieces/ 99.99%		100 g
Granules	009143-10	Gallium Pieces/ 99.999%		10 g
Granules	009143-50	Gallium Pieces/ 99.999%		50 g
Granules	009143-100	Gallium Pieces/ 99.999%		100 g
Granules	009144-10	Gallium Pieces/ 99.9999%		10 g
Granules	009144-50	Gallium Pieces/ 99.9999%		50 g
Granules	009144-100	Gallium Pieces/ 99.9999%		100 g
Granules	009145-10	Gallium Pieces/ 99.99999%		10 g
Granules	009145-50	Gallium Pieces/ 99.99999%		50 g
Granules	009145-100	Gallium Pieces/ 99.99999%		100 g
Granules	900881-10	Gallium Pellets < 8 mm/ 99.99%		10 g
Granules	900881-25	Gallium Pellets < 8 mm/ 99.99%		25 g
Granules	900881-100	Gallium Pellets < 8 mm/ 99.99%		100 g
Granules	900882-10	Gallium Pellets < 8 mm/ 99.999%		10 g
Granules	900882-25	Gallium Pellets < 8 mm/ 99.999%		25 g
Granules	900882-100	Gallium Pellets < 8 mm/ 99.999%		100 g
Granules	900883-10	Gallium Pellets < 8 mm/ 99.9999%		10 g
Granules	900883-25	Gallium Pellets < 8 mm/ 99.9999%		25 g
Granules	900883-100	Gallium Pellets < 8 mm/ 99.9999%		100 g
Ingots	905012-50	Gallium Ingot/ 99.99%		50 g
Ingots	905012-100	Gallium Ingot/ 99.99%		100 g
Ingots	905012-250	Gallium Ingot/ 99.99%		250 g
Ingots	905013-50	Gallium Ingot/ 99.9999%		50 g
Ingots	905013-100	Gallium Ingot/ 99.9999%		100 g
Ingots	905013-250	Gallium Ingot/ 99.9999%		250 g
Ingots	904647-POR	Gallium Ingot (MBE Grade 8N)/ 99.999999%		on request
Foils	905010-25X25	Gallium Foil 0.5 mm/ 99.99%	(ca. 1.84 g/25 x 25 mm)	50x50 mm
Foils	905011-25X25	Gallium Foil 1 mm/ 99.99%	(ca. 3.69 g/25 x 25 mm)	50x50 mm

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Shape	Product Code	Product Description	Details	Unit
Sputtering Targets	905107-25	Gallium Sputtering Target 3 mm/ 99.99%	25 mm diameter	1 piece
Sputtering Targets	905107-50	Gallium Sputtering Target 3 mm/ 99.99%	50 mm diameter	1 piece
Sputtering Targets	905107-75	Gallium Sputtering Target 3 mm/ 99.99%	75 mm diameter	1 piece
Sputtering Targets	905108-25	Gallium Sputtering Target 6 mm/ 99.99%	25 mm diameter	1 piece
Sputtering Targets	905108-50	Gallium Sputtering Target 6 mm/ 99.99%	50 mm diameter	1 piece
Sputtering Targets	905108-75	Gallium Sputtering Target 6 mm/ 99.99%	75 mm diameter	1 piece

## Germanium

### Ge [7440-56-4]

Powders	905045-5	Germanium Powder <50 micron/ 99.999% (metals basis)		5 g
Powders	905045-25	Germanium Powder <50 micron/ 99.999% (metals basis)		25 g
Powders	009146-10	Germanium Powder <250 micron/ 99.99%		10 g
Powders	009146-25	Germanium Powder <250 micron/ 99.99%		25 g
Powders	009146-100	Germanium Powder <250 micron/ 99.99%		100 g
Granules	009148-10	Germanium Pieces < 2 cm/ 99.999%		10 g
Granules	009148-25	Germanium Pieces < 2 cm/ 99.999%		25 g
Granules	009148-100	Germanium Pieces < 2 cm/ 99.999%		100 g
Granules	009149-10	Germanium Pieces < 2 cm (50 Ohm cm)/ 99.9999+%		10 g
Granules	009149-25	Germanium Pieces < 2 cm (50 Ohm cm)/ 99.9999+%		25 g
Granules	009149-50	Germanium Pieces < 2 cm (50 Ohm cm)/ 99.9999+%		50 g
Granules	009149-100	Germanium Pieces < 2 cm (50 Ohm cm)/ 99.9999+%		100 g
Foils	905024-50X50	Germanium Foil 0.5 mm/ 99.999%	(ca. 6.65 g/50 x 50 mm)	50x50 mm
Foils	905025-50X50	Germanium Foil 1 mm/ 99.999%	(ca. 13.3 g/50 x 50 mm)	50x50 mm
Rods	905026-50	Germanium Rod 1 mm diameter/ 99.999%	(ca. 4.18 g/m)	50 mm
Rods	905027-50	Germanium Rod 3 mm diameter/ 99.999%	(ca. 37.6 g/m)	50 mm
Rods	905028-50	Germanium Rod 5 mm diameter/ 99.999%	(ca. 1.04 g/cm)	50 mm
Sputtering Targets	905109-25	Germanium Sputtering Target 3.2 mm/ 99.999%	25.4 mm diameter	1 piece
Sputtering Targets	905109-50	Germanium Sputtering Target 3.2 mm/ 99.999%	50.8 mm diameter	1 piece
Sputtering Targets	905109-75	Germanium Sputtering Target 3.2 mm/ 99.999%	76.2 mm diameter	1 piece
Sputtering Targets	905109-100	Germanium Sputtering Target 3.2 mm/ 99.999%	101.6 mm diameter	1 piece
Sputtering Targets	905110-25	Germanium Sputtering Target 6.3 mm/ 99.999%	25.4 mm diameter	1 piece
Sputtering Targets	905110-50	Germanium Sputtering Target 6.3 mm/ 99.999%	50.8 mm diameter	1 piece
Sputtering Targets	905110-75	Germanium Sputtering Target 6.3 mm/ 99.999%	76.2 mm diameter	1 piece
Sputtering Targets	905110-100	Germanium Sputtering Target 6.3 mm/ 99.999%	101.6 mm diameter	1 piece

Shape	Product Code	Product Description	Details	Unit
<b>Gold</b>		<b>Au [7440-57-5]</b>		
Nano-powders	CFF-NP073-1	Gold Nanopowder APS 50-100 nm/ 99.99%	SSA 3.3 m <sup>2</sup> /g - spherical, dark brown powder	1 g
Nano-powders	CFF-NP073-2	Gold Nanopowder APS 50-100 nm/ 99.99%	SSA 3.3 m <sup>2</sup> /g - spherical, dark brown powder	2 g
Nano-powders	CFF-NP073-5	Gold Nanopowder APS 50-100 nm/ 99.99%	SSA 3.3 m <sup>2</sup> /g - spherical, dark brown powder	5 g
Nano-powders	CFF-NP073-10	Gold Nanopowder APS 50-100 nm/ 99.99%	SSA 3.3 m <sup>2</sup> /g - spherical, dark brown powder	10 g
Powders	900040-1	Gold Powder <1 micron/ 99.9+%		1 g
Powders	900040-5	Gold Powder <1 micron/ 99.9+%		5 g
Powders	009150-1	Gold Powder 0.3-3 micron/ 99.9+%		1 g
Powders	009150-5	Gold Powder 0.3-3 micron/ 99.9+%		5 g
Powders	009151-1	Gold Powder 1.8-2.4 micron/ 99.9+%		1 g
Powders	009151-5	Gold Powder 1.8-2.4 micron/ 99.9+%		5 g
Powders	902900-1	Gold Powder, flake shape/ 99.9+%		1 g
Powders	902900-5	Gold Powder, flake shape/ 99.9+%		5 g
Powders	902949-1	Gold Sponge/ 99.999%		1 g
Paste	902904-2	Gold conducting paste 85-90% Au		2 g
Paste	902904-10	Gold conducting paste 85-90% Au		10 g
Granules	904685-1	Gold Granules 0.2-0.5 mm/ 99.99% (metals basis)		1 g
Granules	904415-1	Gold Granules <1.5 mm/ 99.999% (metals basis)		1 g
Granules	905164-1	Gold Granules 0.1-3 mm/99.99%		1 g
Granules	905164-5	Gold Granules 0.1-3 mm/99.99%		5 g
Granules	900426-1	Gold Granules 2-6 mm/ 99.99%		1 g
Granules	900426-2	Gold Granules 2-6 mm/ 99.99%		2 g
Granules	900426-5	Gold Granules 2-6 mm/ 99.99%		5 g
Granules	900426-10	Gold Granules 2-6 mm/ 99.99%		10 g
Foils	900574-25X25	Gold Foil 0.005 mm/ 99.9%	(ca. 0.06 g/25 x 25 mm)	25x25 mm
Foils	900574-50X50	Gold Foil 0.005 mm/ 99.9%	(ca. 0.24 g/50 x 50 mm)	50x50 mm
Foils	900574-100X100	Gold Foil 0.005 mm/ 99.9%	(ca. 0.96 g/100 x 100 mm)	100x100 mm
Foils	009152-25X25	Gold Foil 0.01 mm/ 99.99%	(ca. 0.12 g/25 x 25 mm)	25x25 mm
Foils	009152-50X50	Gold Foil 0.01 mm/ 99.99%	(ca. 0.48 g/50 x 50 mm)	50x50 mm
Foils	009153-25X25	Gold Foil 0.025 mm/ 99.99%	(ca. 0.30 g/25 x 25 mm)	25x25 mm
Foils	009153-50X50	Gold Foil 0.025 mm/ 99.99%	(ca. 1.2 g/50 x 50 mm)	50x50 mm
Foils	900872-50X50	Gold Foil 0.05 mm/ 99.9%	(ca. 4.8 g/50 x 50 mm)	50x50 mm
Foils	900786-25X25	Gold Foil 0.1 mm/ 99.9%	(ca. 1.2 g/25 x 25 mm)	25x25 mm
Foils	900786-50X50	Gold Foil 0.1 mm/ 99.9%	(ca. 4.8 g/50 x 50 mm)	50x50 mm
Foils	900786-100X100	Gold Foil 0.1 mm/ 99.9%	(ca. 19.2 g/100 x 100 mm)	100x100 mm
Foils	009154-25X25	Gold Foil 0.1 mm/ 99.995%	(ca. 1.2 g/25 x 25 mm)	25x25 mm
Foils	009154-50X50	Gold Foil 0.1 mm/ 99.995%	(ca. 4.8 g/50 x 50 mm)	50x50 mm
Foils	009155-10X10	Gold Foil 0.127 mm/ 99.99%	(ca. 0.25 g/10 x 10 mm)	10x10 mm
Foils	009155-25X25	Gold Foil 0.127 mm/ 99.99%	(ca. 1.53 g/25 x 25 mm)	25x25 mm
Foils	009155-50X50	Gold Foil 0.127 mm/ 99.99%	(ca. 6.1 g/50 x 50 mm)	50x50 mm
Foils	009156-10X10	Gold Foil 0.25 mm/ 99.9%	(ca. 0.49 g/10 x 10 mm)	10x10 mm
Foils	009156-25X25	Gold Foil 0.25 mm/ 99.9%	(ca. 3.02 g/25 x 25 mm)	25x25 mm
Foils	009156-50X50	Gold Foil 0.25 mm/ 99.9%	(ca. 12.08 g/50 x 50 mm)	50x50 mm
Foils	009156-100X100	Gold Foil 0.25 mm/ 99.9%	(ca. 48.3 g/100 x 100 mm)	100x100 mm
Foils	900787-10X10	Gold Foil 0.25 mm/ 99.99%	(ca. 0.49 g/10 x 10 mm)	10x10 mm
Foils	900787-25X25	Gold Foil 0.25 mm/ 99.99%	(ca. 3.02 g/25 x 25 mm)	25x25 mm

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Shape	Product Code	Product Description	Details	Unit
Foils	900787-50X50	Gold Foil 0.25 mm/ 99.99%	(ca. 12.1 g/50 x 50 mm)	50x50 mm
Foils	902329-10X10	Gold Foil 0.5 mm/ 99.9%	(ca. 0.98 g/10 x 10 mm)	10x10 mm
Foils	902329-25X25	Gold Foil 0.5 mm/ 99.9%	(ca. 6.03 g/25 x 25 mm)	25x25 mm
Foils	902329-50X50	Gold Foil 0.5 mm/ 99.9%	(ca. 24.1 g/50 x 50 mm)	50x50 mm
Foils	009157-25X25	Gold Foil 0.5 mm/ 99.995%	(ca. 6.03 g/25 x 25 mm)	25x25 mm
Foils	009157-50X50	Gold Foil 0.5 mm/ 99.995%	(ca. 24.1 g/50 x 50 mm)	50x50 mm
Foils	901166-10X10	Gold Foil 1.0 mm/ 99.9%	(ca. 1.95 g/10 x 10 mm)	10x10 mm
Foils	901166-25X25	Gold Foil 1.0 mm/ 99.9%	(ca. 12.07 g/25 x 25 mm)	25x25 mm
Foils	009158-25X25	Gold Foil 1.0 mm/ 99.99%	(ca. 12.07 g/25 x 25 mm)	25x25 mm
Foils	904276-10X10	Gold Foil 2.0 mm/ 99.99%	(ca. 3.9 g/10 x 10 mm)	10x10 mm
Foils	904276-25X25	Gold Foil 2.0 mm/ 99.99%	(ca. 24.13 g/25 x 25 mm)	25x25 mm
Foils	009159-25X25	Gold Foil 2.0 mm/ 99.995%	(ca. 24.13 g/25 x 25 mm)	25x25 mm
Foils	904277-10X10	Gold Foil 3.0 mm/ 99.99%	(ca. 10.0 g/10 x 10 mm)	10x10 mm
Gauzes	900339-50x50	Gold Gauze 1024 mesh/cm <sup>2</sup> , 0.06 mm wire diameter/ 99.99%		50x50 mm
Gauzes	900339-100x100	Gold Gauze 1024 mesh/cm <sup>2</sup> , 0.06 mm wire diameter/ 99.99%		100x100 mm
Wires	902617-25	Gold Wire 0.025 mm diameter/ 99.99%	(ca. 0.0095 g/m)	25 m
Wires	009160-10	Gold Wire 0.05 mm diameter/ 99.99%	(ca. 0.04 g/m)	10 m
Wires	900890-2,5	Gold Wire 0.1 mm diameter/ 99.9%	(ca. 0.15 g/m)	2,5 m
Wires	900890-10	Gold Wire 0.1 mm diameter/ 99.9%	(ca. 0.15 g/m)	10 m
Wires	904625-5	Gold Wire 0.1 mm diameter/ 99.99%	(ca. 0.15 g/m)	5 m
Wires	904625-1	Gold Wire 0.1 mm diameter/ 99.99%	(ca. 0.15 g/m)	1 m
Wires	009161-5	Gold Wire 0.1 mm diameter/ 99.995%	(ca. 0.15 g/m)	5 m
Wires	009161-1	Gold Wire 0.1 mm diameter/ 99.995%	(ca. 0.15 g/m)	1 m
Wires	009162-2	Gold Wire 0.127 mm diameter/ 99.99%	(ca. 0.25 g/m)	2 m
Wires	009162-10	Gold Wire 0.127 mm diameter/ 99.99%	(ca. 0.25 g/m)	10 m
Wires	009163-25	Gold Wire 0.25 mm diameter/ 99.9%	(ca. 0.94 g/m)	25 cm
Wires	009163-1	Gold Wire 0.25 mm diameter/ 99.9%	(ca. 0.94 g/m)	1 m
Wires	009163-5	Gold Wire 0.25 mm diameter/ 99.9%	(ca. 0.94 g/m)	5 m
Wires	009164-25	Gold Wire 0.25 mm diameter/ 99.99%	(ca. 0.94 g/m)	25 cm
Wires	009164-100	Gold Wire 0.25 mm diameter/ 99.99%	(ca. 0.94 g/m)	100 cm
Wires	903955-1	Gold Wire 0.3 mm diameter/ 99.9%	(ca. 1.37 g/m)	1 m
Wires	009165-10	Gold Wire 0.5 mm diameter/ 99.9%	(ca. 3.78 g/m)	10 cm
Wires	009165-50	Gold Wire 0.5 mm diameter/ 99.9%	(ca. 3.78 g/m)	50 cm
Wires	009165-2,5	Gold Wire 0.5 mm diameter/ 99.9%	(ca. 3.78 g/m)	2,5 m
Wires	009166-5	Gold Wire 0.5 mm diameter/ 99.99%	(ca. 3.78 g/m)	5 cm
Wires	009166-25	Gold Wire 0.5 mm diameter/ 99.99%	(ca. 3.78 g/m)	25 cm
Wires	009166-50	Gold Wire 0.5 mm diameter/ 99.99%	(ca. 3.78 g/m)	50 cm
Wires	904044-25	Gold Wire 0.8 mm diameter/ 99.9%	(ca. 9.71 g/m)	25 cm
Wires	904044-1	Gold Wire 0.8 mm diameter/ 99.9%	(ca. 9.71 g/m)	1 m
Wires	009167-5	Gold Wire 1.0 mm diameter/ 99.9%	(ca. 15.12 g/m)	5 cm
Wires	009167-25	Gold Wire 1.0 mm diameter/ 99.9%	(ca. 15.12 g/m)	25 cm
Wires	009167-50	Gold Wire 1.0 mm diameter/ 99.9%	(ca. 15.12 g/m)	50 cm
Wires	900891-2	Gold Wire 1.0 mm diameter/ 99.99%	(ca. 15.12 g/m)	2 cm
Wires	900891-10	Gold Wire 1.0 mm diameter/ 99.99%	(ca. 15.12 g/m)	10 cm
Wires	900891-50	Gold Wire 1.0 mm diameter/ 99.99%	(ca. 15.12 g/m)	50 cm
Wires	901910-2	Gold Wire 1.0 mm diameter/ 99.999%	(ca. 15.12 g/m)	2 cm
Wires	900892-5	Gold Wire 1.5 mm diameter/ 99.9%	(ca. 34.12 g/m)	5 cm
Wires	900892-25	Gold Wire 1.5 mm diameter/ 99.9%	(ca. 34.12 g/m)	25 cm
Wires	009168-5	Gold Wire 1.5 mm diameter/ 99.995%	(ca. 34.12 g/m)	5 cm

Shape	Product Code	Product Description	Details	Unit
Wires	009168-25	Gold Wire 1.5 mm diameter/ 99.995%	(ca. 34.12 g/m)	25 cm
Wires	900893-5	Gold Wire 2.0 mm diameter/ 99.9%	(ca. 0.61 g/cm)	5 cm
Wires	900893-10	Gold Wire 2.0 mm diameter/ 99.9%	(ca. 0.61 g/cm)	10 cm
Wires	009169-2	Gold Wire 2.0 mm diameter/ 99.995%	(ca. 0.61 g/cm)	2 cm
Wires	009169-1	Gold Wire 2.0 mm diameter/ 99.995%	(ca. 0.61 g/cm)	1 cm
Wires	009169-10	Gold Wire 2.0 mm diameter/ 99.995%	(ca. 0.61 g/cm)	10 cm
Wires	900894-2,5	Gold Wire 3.0 mm diameter/ 99.9%	(ca. 1.36 g/cm)	2,5 cm
Wires	900894-10	Gold Wire 3.0 mm diameter/ 99.9%	(ca. 1.36 g/cm)	10 cm
Wires	009170-5	Gold Wire 3.0 mm diameter/ 99.995%	(ca. 1.36 g/cm)	5 g
Wires	009170-10	Gold Wire 3.0 mm diameter/ 99.995%	(ca. 1.36 g/cm)	10 g
Sputtering Targets	905086-50	Gold Sputtering Target 0.1 mm/ 99.99%	50 mm diameter	1 piece
Sputtering Targets	904360-50	Gold Sputtering Target 0.2 mm/ 99.99%	50 mm diameter	1 piece
Sputtering Targets	904360-75	Gold Sputtering Target 0.2 mm/ 99.99%	75 mm diameter	1 piece
Sputtering Targets	905087-50	Gold Sputtering Target 0.3 mm/ 99.99%	50 mm diameter	1 piece
Sputtering Targets	902998-50	Gold Sputtering Target 0.5 mm/ 99.99%	50 mm diameter	1 piece
Sputtering Targets	902998-75	Gold Sputtering Target 0.5 mm/ 99.99%	75 mm diameter	1 piece
Sputtering Targets	902899-50	Gold Sputtering Target 1 mm/ 99.99%	50 mm diameter	1 piece
Sputtering Targets	902899-75	Gold Sputtering Target 1 mm/ 99.99%	75 mm diameter	1 piece
Sputtering Targets	903418-50	Gold Sputtering Target 2 mm/ 99.99%	50 mm diameter	1 piece
Sputtering Targets	903418-75	Gold Sputtering Target 2 mm/ 99.99%	75 mm diameter	1 piece
Sputtering Targets	904361-25	Gold Sputtering Target 3 mm/ 99.99%	25 mm diameter	1 piece
Sputtering Targets	904361-50	Gold Sputtering Target 3 mm/ 99.99%	50 mm diameter	1 piece
Sputtering Targets	904361-75	Gold Sputtering Target 3 mm/ 99.99%	75 mm diameter	1 piece
Sputtering Targets	905088-25	Gold Sputtering Target 6 mm/ 99.99%	25 mm diameter	1 piece
Sputtering Targets	905088-50	Gold Sputtering Target 6 mm/ 99.99%	50 mm diameter	1 piece

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Shape	Product Code	Product Description	Details	Unit
<b>Hafnium</b>		<b>Hf [7440-58-6]</b>		
Powders	009172-5	Hafnium Powder -325 mesh/ 99.6%	(up to 4% Zr)	5 g
Powders	009171-5	Hafnium Powder -60, +325 mesh/ 99.8%	(up to 4% Zr)	5 g
Powders	009171-25	Hafnium Powder -60, +325 mesh/ 99.8%	(up to 4% Zr)	25 g
Granules	905134-10	Hafnium Granules <2 mm/ 99.8%	(up to 4% Zr)	10 g
Granules	905134-25	Hafnium Granules <2 mm/ 99.8%	(up to 4% Zr)	25 g
Granules	904874-10	Hafnium Pieces <5 mm/ 99.9%	(up to 2% Zr)	10 g
Granules	904874-50	Hafnium Pieces <5 mm/ 99.9%	(up to 2% Zr)	50 g
Granules	904810-10	Hafnium Pieces <10 mm/ 99.9%	(up to 2% Zr)	10 g
Granules	904810-50	Hafnium Pieces <10 mm/ 99.9%	(up to 2% Zr)	50 g
Granules	009173-10	Hafnium Pieces/ 99.9%	(up to 4% Zr)	10 g
Granules	009173-25	Hafnium Pieces/ 99.9%	(up to 4% Zr)	25 g
Granules	009173-100	Hafnium Pieces up to 300 g (price per weight)/ 99.9%	(up to 4% Zr)	100 g
Granules	009173-250	Hafnium Pieces up to 300 g (price per weight)/ 99.9%	(up to 4% Zr)	250 g
Granules	903033-100	Hafnium Pieces < 55 mm appr. 100-300 g (price per weight)/ 99.8%	(up to 4% Zr)	100 g
Granules	903033-250	Hafnium Pieces < 55 mm appr. 100-300 g (price per weight)/ 99.8%	(up to 4% Zr)	250 g
Granules	903033-500	Hafnium Pieces < 55 mm appr. 100-300 g (price per weight)/ 99.8%	(up to 4% Zr)	500 g
Foils	900888-25X25	Hafnium Foil 0.25 mm (up to 4% Zr)/ 99+%	(ca. 2.08 g/25 x 25 mm)	25x25 mm
Foils	900888-50X50	Hafnium Foil 0.25 mm (up to 4% Zr)/ 99+%	(ca. 8.3 g/50 x 50 mm)	50x50 mm
Wires	900889-25	Hafnium Wire 1.0 mm diameter (up to 4% Zr)/ 99+%	(ca. 10.4 g/m)	25 cm
Wires	900889-50	Hafnium Wire 1.0 mm diameter (up to 4% Zr)/ 99+%	(ca. 10.4 g/m)	50 cm
Rods	904873-50	Hafnium Rod 3 mm diameter (up to 2% Zr)/ 99.9%	(ca. 0.94 g/cm)	50 mm
Rods	904873-100	Hafnium Rod 3 mm diameter (up to 2% Zr)/ 99.9%	(ca. 0.94 g/cm)	100 mm
Rods	901774-50	Hafnium Rod 6.35 mm diameter (up to 4% Zr)/ 99.8%	(ca. 4.21 g/cm)	50 mm
Rods	901774-100	Hafnium Rod 6.35 mm diameter (up to 4% Zr)/ 99.8%	(ca. 4.21 g/cm)	100 mm
Sputtering Targets	904304-25	Hafnium Sputtering Target 3 mm (up to 2% Zr)/ 99.9%	25 mm diameter	1 piece
Sputtering Targets	904304-50	Hafnium Sputtering Target 3 mm (up to 2% Zr)/ 99.9%	50 mm diameter	1 piece
Sputtering Targets	904304-75	Hafnium Sputtering Target 3 mm (up to 2% Zr)/ 99.9%	75 mm diameter	1 piece
Sputtering Targets	904304-100	Hafnium Sputtering Target 3 mm (up to 2% Zr)/ 99.9%	100 mm diameter	1 piece
Sputtering Targets	904305-25	Hafnium Sputtering Target 6 mm (up to 2% Zr)/ 99.9%	25 mm diameter	1 piece
Sputtering Targets	904305-50	Hafnium Sputtering Target 6 mm (up to 2% Zr)/ 99.9%	50 mm diameter	1 piece
Sputtering Targets	904305-75	Hafnium Sputtering Target 6 mm (up to 2% Zr)/ 99.9%	75 mm diameter	1 piece
Sputtering Targets	904305-100	Hafnium Sputtering Target 6 mm (up to 2% Zr)/ 99.9%	100 mm diameter	1 piece

Shape	Product Code	Product Description	Details	Unit
<b>Holmium</b>		<b>Ho [7440-60-0]</b>		
Powders	009174-5	Holmium Powder/ 99.9% (REO)		5 g
Powders	009174-25	Holmium Powder/ 99.9% (REO)		25 g
Granules	009175-5	Holmium Chips 2-7 mm/ 99.9% (REO)		5 g
Granules	009175-25	Holmium Chips 2-7 mm/ 99.9% (REO)		25 g
Granules	009176-5	Holmium Pieces/ 99.9% (REO)		5 g
Granules	009176-25	Holmium Pieces/ 99.9% (REO)		25 g
Granules	903070-1	Holmium Pieces distilled/ 99.99% (REO)		1 g
Granules	903070-5	Holmium Pieces distilled/ 99.99% (REO)		5 g
Granules	903070-25	Holmium Pieces distilled/ 99.99% (REO)		25 g
Foils	900899-10X10	Holmium Foil 0.25 mm/ 99.9% (REO)	(ca. 0.22 g/10 x 10 mm)	10x10 mm
Foils	900899-25X25	Holmium Foil 0.25 mm/ 99.9% (REO)	(ca. 1.37 g/25 x 25 mm)	25x25 mm
Foils	900899-25X50	Holmium Foil 0.25 mm/ 99.9% (REO)	(ca. 2.75 g/25 x 50 mm)	25x50 mm
Wires	903714-5	Holmium Wire 1 mm diameter/ 99.9% (REO)	(ca. 6.9 g/m)	5 cm
Wires	903714-25	Holmium Wire 1 mm diameter/ 99.9% (REO)	(ca. 6.9 g/m)	25 cm
Wires	903714-50	Holmium Wire 1 mm diameter/ 99.9% (REO)	(ca. 6.9 g/m)	50 cm

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Shape	Product Code	Product Description	Details	Unit
<b>Indium</b>		<b>In [7440-74-6]</b>		
Powders	009177-10	Indium Powder + 2% MgO, <200 micron/ 99.99%		10 g
Powders	009177-50	Indium Powder + 2% MgO, <200 micron/ 99.99%		50 g
Powders	902039-10	Indium Powder +2% MgO, <200 micron/ 99.999%		10 g
Powders	902039-50	Indium Powder +2% MgO, <200 micron/ 99.999%		50 g
Granules	009179-25	Indium Shot 1-3 mm/ 99.99%		25 g
Granules	009179-100	Indium Shot 1-3 mm/ 99.99%		100 g
Granules	009180-10	Indium Shot 1-3 mm/ 99.999%		10 g
Granules	009180-25	Indium Shot 1-3 mm/ 99.999%		25 g
Granules	009180-100	Indium Shot 1-3 mm/ 99.999%		100 g
Granules	009181-10	Indium Shot 1-3 mm/ 99.9999%		10 g
Granules	009181-25	Indium Shot 1-3 mm/ 99.9999%		25 g
Granules	009181-100	Indium Shot 1-3 mm/ 99.9999%		100 g
Granules	009182-25	Indium Pieces/ 99.999%		25 g
Granules	009182-100	Indium Pieces/ 99.999%		100 g
Ingots	901121-250	Indium Bar/ 99.999%		250 g
Ingots	902467-100	Indium Bar/ 99.9999%		100 g
Foils	904503-25X25	Indium Foil 0.05 mm/ 99.995%	(ca. 0.23 g/25x25 mm)	25x25 mm
Foils	904503-50X50	Indium Foil 0.05 mm/ 99.995%	(ca. 0.91 g/50x50 mm)	50x50 mm
Foils	904503-100X100	Indium Foil 0.05 mm/ 99.995%	(ca. 3.65 g/100x100 mm)	100x100 mm
Foils	904504-25X25	Indium Foil 0.1 mm/ 99.995%	(ca. 0.46 g/25x25 mm)	25x25 mm
Foils	904504-50X50	Indium Foil 0.1 mm/ 99.995%	(ca. 1.83 g/50x50 mm)	50x50 mm
Foils	904504-100X100	Indium Foil 0.1 mm/ 99.995%	(ca. 7.31 g/100x100 mm)	100x100 mm
Foils	904041-50X50	Indium Foil 0.1 mm/ 99.999%	(ca. 1.83 g/50x50 mm)	50x50 mm
Foils	904041-100X100	Indium Foil 0.1 mm/ 99.999%	(ca. 7.31 g/100x100 mm)	100x100 mm
Foils	904041-100X200	Indium Foil 0.1 mm/ 99.999%	(ca. 14.6 g/100x200 mm)	100x200 mm
Foils	903707-50X50	Indium Foil 0.125 mm/ 99.99%	(ca. 2.28 g/50x50 mm)	50x50 mm
Foils	903707-50X100	Indium Foil 0.125 mm/ 99.99%	(ca. 4.56 g/50x100 mm)	50x100 mm
Foils	903707-100X100	Indium Foil 0.125 mm/ 99.99%	(ca. 9.13 g/100x100 mm)	100x100 mm
Foils	903707-100X200	Indium Foil 0.125 mm/ 99.99%	(ca. 18.3 g/100x200 mm)	100x200 mm
Foils	904571-25X25	Indium Foil 0.20 mm/ 99.999%	(ca. 0.91 g/25x25 mm)	25x25 mm
Foils	904571-50X50	Indium Foil 0.20 mm/ 99.999%	(ca. 3.65 g/50x50 mm)	50x50 mm
Foils	009183-50X50	Indium Foil 0.25 mm/ 99.99%	(ca. 4.57 g/50x50 mm)	50x50 mm
Foils	009183-50X100	Indium Foil 0.25 mm/ 99.99%	(ca. 9.13 g/50x100 mm)	50x100 mm
Foils	009183-100X100	Indium Foil 0.25 mm/ 99.99%	(ca. 18.3 g/100x100 mm)	100x100 mm
Foils	009183-100X200	Indium Foil 0.25 mm/ 99.99%	(ca. 36.5 g/100x200 mm)	100x200 mm
Foils	900006-50X50	Indium Foil 0.25 mm/ 99.999%	(ca. 4.57 g/50x50 mm)	50x50 mm
Foils	900006-100X100	Indium Foil 0.25 mm/ 99.999%	(ca. 18.3 g/100x100 mm)	100x100 mm
Foils	900006-100X200	Indium Foil 0.25 mm/ 99.999%	(ca. 36.5 g/100x200 mm)	100x200 mm
Foils	009184-50X50	Indium Foil 0.5 mm/ 99.99%	(ca. 9.13 g/50x50 mm)	50x50 mm
Foils	009184-50X100	Indium Foil 0.5 mm/ 99.99%	(ca. 18.3 g/50x100 mm)	50x100 mm
Foils	009184-100X100	Indium Foil 0.5 mm/ 99.99%	(ca. 36.5 g/100x100 mm)	100x100 mm
Foils	009184-100X200	Indium Foil 0.5 mm/ 99.99%	(ca. 73 g/100x200 mm)	100x200 mm
Foils	905015-50X50	Indium Foil 0.5 mm/ 99.999%	(ca. 9.13 g/50x50 mm)	50x50 mm
Foils	905015-100X100	Indium Foil 0.5 mm/ 99.999%	(ca. 36.5 g/100x100 mm)	100x100 mm
Foils	009185-50X50	Indium Foil 1.0 mm/ 99.99%	(ca. 18.3 g/50x50 mm)	50x50 mm
Foils	009185-50X100	Indium Foil 1.0 mm/ 99.99%	(ca. 36.5 g/50x100 mm)	50x100 mm
Foils	009185-100X100	Indium Foil 1.0 mm/ 99.99%	(ca. 73 g/100x100 mm)	100x100 mm
Foils	009185-100X200	Indium Foil 1.0 mm/ 99.99%	(ca. 146 g/100x200 mm)	100x200 mm



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Shape	Product Code	Product Description	Details	Unit
Foils	905016-50X50	Indium Foil 1.0 mm/ 99.999%	(ca. 18.3 g/50x50 mm)	50x50 mm
Foils	905016-100X100	Indium Foil 1.0 mm/ 99.999%	(ca. 73 g/100x100 mm)	100x100 mm
Foils	905017-50X50	Indium Foil 2 mm/ 99.9%	(ca. 36.4 g/50x50 mm)	50x50 mm
Foils	905017-100X100	Indium Foil 2 mm/ 99.9%	(ca. 145.6 g/100x100 mm)	100x100 mm
Foils	905014-50X50	Indium Foil 2 mm/ 99.999%	(ca. 36.4 g/50x50 mm)	50x50 mm
Foils	905014-100X100	Indium Foil 2 mm/ 99.999%	(ca. 145.6 g/100x100 mm)	100x100 mm
Wires	009186-1	Indium Wire 0.25 mm diameter/ 99.99%	(ca. 0.36 g/m)	1 m
Wires	902428-50	Indium Wire 0.5 mm diameter/ 99.99%	(ca. 1.43 g/m)	50 cm
Wires	902428-2	Indium Wire 0.5 mm diameter/ 99.99%	(ca. 1.43 g/m)	2 m
Wires	902428-10	Indium Wire 0.5 mm diameter/ 99.99%	(ca. 1.43 g/m)	10 m
Wires	009187-50	Indium Wire 0.5 mm diameter/ 99.999%	(ca. 1.43 g/m)	50 cm
Wires	009187-2	Indium Wire 0.5 mm diameter/ 99.999%	(ca. 1.43 g/m)	2 m
Wires	009187-10	Indium Wire 0.5 mm diameter/ 99.999%	(ca. 1.43 g/m)	10 m
Wires	009188-50	Indium Wire 1.0 mm diameter/ 99.99%	(ca. 5.74 g/m)	50 cm
Wires	009188-1	Indium Wire 1.0 mm diameter/ 99.99%	(ca. 5.74 g/m)	1 m
Wires	009188-5	Indium Wire 1.0 mm diameter/ 99.99%	(ca. 5.74 g/m)	5 m
Wires	009189-50	Indium Wire 1.0 mm diameter/ 99.999%	(ca. 5.74 g/m)	50 cm
Wires	009189-1	Indium Wire 1.0 mm diameter/ 99.999%	(ca. 5.74 g/m)	1 m
Wires	009189-5	Indium Wire 1.0 mm diameter/ 99.999%	(ca. 5.74 g/m)	5 m
Wires	009190-50	Indium Wire 1.5 mm diameter/ 99.99%	(ca. 12.9 g/m)	50 cm
Wires	009190-1	Indium Wire 1.5 mm diameter/ 99.99%	(ca. 12.9 g/m)	1 m
Wires	009190-5	Indium Wire 1.5 mm diameter/ 99.99%	(ca. 12.9 g/m)	5 m
Wires	009191-50	Indium Wire 1.5 mm diameter/ 99.999%	(ca. 12.9 g/m)	50 cm
Wires	009191-2,5	Indium Wire 1.5 mm diameter/ 99.999%	(ca. 12.9 g/m)	2,5 m
Wires	904505-1	Indium Wire 1.6 mm diameter/ 99.995%	(ca. 14.7 g/m)	1 m
Wires	904505-5	Indium Wire 1.6 mm diameter/ 99.995%	(ca. 14.7 g/m)	5 m
Wires	900898-10	Indium Wire 2.0 mm diameter/ 99.99%	(ca. 22.95 g/m)	10 cm
Wires	900898-50	Indium Wire 2.0 mm diameter/ 99.99%	(ca. 22.95 g/m)	50 cm
Wires	900898-1	Indium Wire 2.0 mm diameter/ 99.99%	(ca. 22.95 g/m)	1 m
Wires	900898-2,5	Indium Wire 2.0 mm diameter/ 99.99%	(ca. 22.95 g/m)	2,5 m
Wires	009192-10	Indium Wire 2.0 mm diameter/ 99.999%	(ca. 22.95 g/m)	10 cm
Wires	009192-50	Indium Wire 2.0 mm diameter/ 99.999%	(ca. 22.95 g/m)	50 cm
Wires	009192-1	Indium Wire 2.0 mm diameter/ 99.999%	(ca. 22.95 g/m)	1 m
Wires	009192-2,5	Indium Wire 2.0 mm diameter/ 99.999%	(ca. 22.95 g/m)	2,5 m
Wires	900901-10	Indium Wire 3.0 mm diameter/ 99.99%	(ca. 51.6 g/m)	10 cm
Wires	900901-50	Indium Wire 3.0 mm diameter/ 99.99%	(ca. 51.6 g/m)	50 cm
Wires	900309-10	Indium Wire 3.0 mm diameter/ 99.999%	(ca. 51.6 g/m)	10 cm
Wires	900309-50	Indium Wire 3.0 mm diameter/ 99.999%	(ca. 51.6 g/m)	50 cm
Rods	902478-25	Indium Rod 10 mm diameter/ 99.999%	(ca. 5.74 g/cm)	25 mm
Rods	902478-100	Indium Rod 10 mm diameter/ 99.999%	(ca. 5.74 g/cm)	100 mm
Rods	902477-25	Indium Rod 10 mm diameter/ 99.9999%	(ca. 5.74 g/cm)	25 mm
Rods	902477-100	Indium Rod 10 mm diameter/ 99.9999%	(ca. 5.74 g/cm)	100 mm
Sputtering Targets	904306-25	Indium Sputtering Target 3 mm/ 99.9%	25 mm diameter	1 piece
Sputtering Targets	904306-50	Indium Sputtering Target 3 mm/ 99.9%	50 mm diameter	1 piece
Sputtering Targets	904306-75	Indium Sputtering Target 3 mm/ 99.9%	75 mm diameter	1 piece
Sputtering Targets	904306-100	Indium Sputtering Target 3 mm/ 99.9%	100 mm diameter	1 piece
Sputtering Targets	904307-25	Indium Sputtering Target 3 mm/ 99.99%	25 mm diameter	1 piece

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Shape	Product Code	Product Description	Details	Unit
Sputtering Targets	904307-50	Indium Sputtering Target 3 mm/ 99.99%	50 mm diameter	1 piece
Sputtering Targets	904307-75	Indium Sputtering Target 3 mm/ 99.99%	75 mm diameter	1 piece
Sputtering Targets	904307-100	Indium Sputtering Target 3 mm/ 99.99%	100 mm diameter	1 piece
Sputtering Targets	904308-25	Indium Sputtering Target 3 mm/ 99.999%	25 mm diameter	1 piece
Sputtering Targets	904308-50	Indium Sputtering Target 3 mm/ 99.999%	50 mm diameter	1 piece
Sputtering Targets	904308-75	Indium Sputtering Target 3 mm/ 99.999%	75 mm diameter	1 piece
Sputtering Targets	904308-100	Indium Sputtering Target 3 mm/ 99.999%	100 mm diameter	1 piece
Sputtering Targets	904309-25	Indium Sputtering Target 6 mm/ 99.9%	25 mm diameter	1 piece
Sputtering Targets	904309-50	Indium Sputtering Target 6 mm/ 99.9%	50 mm diameter	1 piece
Sputtering Targets	904309-75	Indium Sputtering Target 6 mm/ 99.9%	75 mm diameter	1 piece
Sputtering Targets	904309-100	Indium Sputtering Target 6 mm/ 99.9%	100 mm diameter	1 piece
Sputtering Targets	904310-25	Indium Sputtering Target 6 mm/ 99.99%	25 mm diameter	1 piece
Sputtering Targets	904310-50	Indium Sputtering Target 6 mm/ 99.99%	50 mm diameter	1 piece
Sputtering Targets	904310-75	Indium Sputtering Target 6 mm/ 99.99%	75 mm diameter	1 piece
Sputtering Targets	904310-100	Indium Sputtering Target 6 mm/ 99.99%	100 mm diameter	1 piece
Sputtering Targets	904311-25	Indium Sputtering Target 6 mm/ 99.999%	25 mm diameter	1 piece
Sputtering Targets	904311-50	Indium Sputtering Target 6 mm/ 99.999%	50 mm diameter	1 piece
Sputtering Targets	904311-75	Indium Sputtering Target 6 mm/ 99.999%	75 mm diameter	1 piece
Sputtering Targets	904311-100	Indium Sputtering Target 6 mm/ 99.999%	100 mm diameter	1 piece

## Iodine

### I [7553-56-2]

Powders	009193-25	Iodine Powder, crystalline/ 99%	25 g
Powders	009193-100	Iodine Powder, crystalline/ 99%	100 g
Powders	009194-25	Iodine Powder, crystalline, resublimed, ACS/ 99.8+%	25 g
Powders	009194-100	Iodine Powder, crystalline, resublimed, ACS/ 99.8+%	100 g
Granules	009195-25	Iodine Crystals, resublimed/ 99.999%	25 g

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Shape	Product Code	Product Description	Details	Unit
<b>Iridium</b>		<b>Ir [7439-88-5]</b>		
Powders	004509-1	Iridium black	Ir	1 g
Powders	004509-5	Iridium black	Ir	5 g
Powders	901848-500	Iridium Powder/ 99.9+%		500 mg
Powders	901848-2	Iridium Powder/ 99.9+%		2 g
Powders	901848-5	Iridium Powder/ 99.9+%		5 g
Powders	009196-1	Iridium Powder < 60 micron/ 99.95+%		1 g
Powders	009196-2,5	Iridium Powder < 60 micron/ 99.95+%		2,5 g
Powders	009196-5	Iridium Powder < 60 micron/ 99.95+%		5 g
Granules	904826-1	Iridium Granules 1-6 mm/ 99.9%		1 g
Foils	009197-25X25	Iridium Foil 0.05 mm/ 99.9%	(ca. 0.71 g/25 x 25 mm)	25x25 mm
Foils	009197-50X50	Iridium Foil 0.05 mm/ 99.9%	(ca. 2.83 g/50 x 50 mm)	50x50 mm
Foils	900903-25X25	Iridium Foil 0.125 mm/ 99.9%	(ca. 1.77 g/25 x 25 mm)	25x25 mm
Foils	009198-25X25	Iridium Foil 0.25 mm/ 99.9%	(ca. 3.54 g/25 x 25 mm)	25x25 mm
Foils	009198-50X50	Iridium Foil 0.25 mm/ 99.9%	(ca. 14.16 g/50 x 50 mm)	50x50 mm
Foils	904999-10X10	Iridium Foil 0.5 mm/ 99.9%	(ca. 1.13 g/10 x 10 mm)	10x10 mm
Foils	905000-10X10	Iridium Foil 1 mm/ 99.9%	(ca. 2.27 g/10 x 10 mm)	10x10 mm
Wires	904572-5	Iridium Wire 0.075 mm diameter/ 99.9%	(ca. 0.10 g/m)	5 cm
Wires	904572-10	Iridium Wire 0.075 mm diameter/ 99.9%	(ca. 0.10 g/m)	10 cm
Wires	904572-50	Iridium Wire 0.075 mm diameter/ 99.9%	(ca. 0.10 g/m)	50 cm
Wires	009199-10	Iridium Wire 0.13 mm diameter/ 99+%	(ca. 0.30 g/m)	10 cm
Wires	009199-20	Iridium Wire 0.13 mm diameter/ 99+%	(ca. 0.30 g/m)	20 cm
Wires	009200-10	Iridium Wire 0.25 mm diameter/ 99+%	(ca. 1.11 g/m)	10 cm
Wires	009200-50	Iridium Wire 0.25 mm diameter/ 99+%	(ca. 1.11 g/m)	50 cm
Wires	900904-5	Iridium Wire 0.5 mm diameter/ 99+%	(ca. 4.45 g/m)	5 cm
Wires	900904-10	Iridium Wire 0.5 mm diameter/ 99+%	(ca. 4.45 g/m)	10 cm
Wires	903343-1	Iridium Wire 1 mm diameter/ 99.9%	(ca. 17.8 g/m)	1 cm
Wires	903343-5	Iridium Wire 1 mm diameter/ 99.9%	(ca. 17.8 g/m)	5 cm
Wires	903343-10	Iridium Wire 1 mm diameter/ 99.9%	(ca. 17.8 g/m)	10 cm
Wires	902075-1	Iridium Wire 2 mm diameter/ 99+%	(ca. 71.1 g/m)	1 cm
Wires	902075-5	Iridium Wire 2 mm diameter/ 99+%	(ca. 71.1 g/m)	5 cm
Wires	902075-10	Iridium Wire 2 mm diameter/ 99+%	(ca. 71.1 g/m)	10 cm
Sputtering Targets	904353-50	Iridium Sputtering Target 0.5 mm/ 99.95%	50 mm diameter	1 piece
Sputtering Targets	904353-75	Iridium Sputtering Target 0.5 mm/ 99.95%	75 mm diameter	1 piece
Sputtering Targets	904362-25	Iridium Sputtering Target 1 mm/ 99.95%	25 mm diameter	1 piece
Sputtering Targets	904362-50	Iridium Sputtering Target 1 mm/ 99.95%	50 mm diameter	1 piece
Sputtering Targets	904362-75	Iridium Sputtering Target 1 mm/ 99.95%	75 mm diameter	1 piece
Sputtering Targets	905096-25	Iridium Sputtering Target 3 mm/ 99.9%	25 mm diameter	1 piece
Sputtering Targets	905096-50	Iridium Sputtering Target 3 mm/ 99.9%	50 mm diameter	1 piece
Sputtering Targets	905096-75	Iridium Sputtering Target 3 mm/ 99.9%	75 mm diameter	1 piece
Sputtering Targets	905095-25	Iridium Sputtering Target 3 mm/ 99.95%	25 mm diameter	1 piece

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Shape	Product Code	Product Description	Details	Unit
Sputtering Targets	905095-50	Iridium Sputtering Target 3 mm/ 99.95%	50 mm diameter	1 piece
Sputtering Targets	905095-75	Iridium Sputtering Target 3 mm/ 99.95%	75 mm diameter	1 piece
Sputtering Targets	905097-25	Iridium Sputtering Target 6 mm/ 99.9%	25 mm diameter	1 piece
Sputtering Targets	905097-50	Iridium Sputtering Target 6 mm/ 99.9%	50 mm diameter	1 piece
Foils	905001-1	Iridium Disc Diameter 8 mm x 1 mm/ 99.9%	(ca. 1.13 g/ disc)	1 piece

## Iron

## Fe [7439-89-6] [12597-68-1]

Nano-powders	CFF-NP074-5	Iron Nanopowder APS 25 nm/ 99.9%	SSA 40-60 m <sup>2</sup> /g - spherical, black powder partially passivated	5 g
Nano-powders	CFF-NP074-10	Iron Nanopowder APS 25 nm/ 99.9%	SSA 40-60 m <sup>2</sup> /g - spherical, black powder partially passivated	10 g
Nano-powders	CFF-NP074-25	Iron Nanopowder APS 25 nm/ 99.9%	SSA 40-60 m <sup>2</sup> /g - spherical, black powder partially passivated	25 g
Nano-powders	CFF-NP074-100	Iron Nanopowder APS 25 nm/ 99.9%	SSA 40-60 m <sup>2</sup> /g - spherical, black powder partially passivated	100 g
Nano-powders	CFF-NP075-5	Iron Nanopowder APS 60-80 nm/ 99.9%	SSA 7 m <sup>2</sup> /g - spherical, black powder partially passivated	5 g
Nano-powders	CFF-NP075-10	Iron Nanopowder APS 60-80 nm/ 99.9%	SSA 7 m <sup>2</sup> /g - spherical, black powder partially passivated	10 g
Nano-powders	CFF-NP075-25	Iron Nanopowder APS 60-80 nm/ 99.9%	SSA 7 m <sup>2</sup> /g - spherical, black powder partially passivated	25 g
Nano-powders	CFF-NP075-100	Iron Nanopowder APS 60-80 nm/ 99.9%	SSA 7 m <sup>2</sup> /g - spherical, black powder partially passivated	100 g
Powders	009202-500	Iron Powder fine <250 micron/ 99+%		500 g
Powders	009202-1	Iron Powder fine <250 micron/ 99+%		1 kg
Powders	009203-100	Iron Powder ex carbonyl 10 micron/ 99.5%		100 g
Powders	009204-100	Iron Powder -100, +200 mesh/ 99.9%		100 g
Powders	009204-500	Iron Powder -100, +200 mesh/ 99.9%		500 g
Powders	901697-50	Iron Powder -140, +325 mesh/ 99.9%		50 g
Powders	009205-10	Iron Powder/ 99.99+%		10 g
Granules	009206-100	Iron Flakes, electrolytic/ 99.9%		100 g
Granules	009206-500	Iron Flakes, electrolytic/ 99.9%		500 g
Granules	903123-100	Iron Pieces 0.5-1.5 mm/ 99.97%		100 g
Granules	903123-250	Iron Pieces 0.5-1.5 mm/ 99.97%		250 g
Granules	903529-100	Iron Pellets 6 x 6 mm/ 99.9%		100 g
Granules	904757-100	Iron Pieces < 10 mm/ 99.99%		100 g
Granules	904757-500	Iron Pieces < 10 mm/ 99.99%		500 g
Granules	009207-500	Iron Pieces < 25 mm/ 99.9%		500 g
Granules	009207-2,5	Iron Pieces < 25 mm/ 99.9%		2,5 kg
Granules	902379-100	Iron Pieces < 25 mm/ 99.99%		100 g
Foils	904575-100X100	Iron Foil 0.025 mm, hard (coated with oil)/ 99.5%	(ca. 1.97 g/100 x 100 mm)	100x100 mm
Foils	904576-100X100	Iron Foil 0.05 mm, hard/ 99.5%	(ca. 3.94 g/100 x 100 mm)	100x100 mm
Foils	009208-25X25	Iron Foil 0.1 mm/ 99.995%	(ca. 0.49 g/25 x 25 mm)	25x25 mm
Foils	009208-25X50	Iron Foil 0.1 mm/ 99.995%	(ca. 0.98 g/25 x 50 mm)	25x50 mm
Foils	009208-50X50	Iron Foil 0.1 mm/ 99.995%	(ca. 1.96 g/50 x 50 mm)	50x50 mm
Foils	904577-100X100	Iron Foil 0.125 mm, hard (coated with oil)/ 99.5%	(ca. 9.84 g/100 x 100 mm)	100x100 mm
Foils	902079-100X100	Iron Foil 0.25 mm/ 99.5%	(ca. 19.7 g/100 x 100 mm)	100x100 mm
Foils	902079-150X150	Iron Foil 0.25 mm/ 99.5%	(ca. 44.3 g/150 x 150 mm)	150x150 mm
Foils	900906-100X100	Iron Foil 0.5 mm/ 99.5%	(ca. 39.3 g/100 x 100 mm)	100x100 mm

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Shape	Product Code	Product Description	Details	Unit
Foils	900906-150X150	Iron Foil 0.5 mm/ 99.5%	(ca. 88.5 g/150 x 150 mm)	150x150 mm
Foils	009210-25X25	Iron Foil 0.5 mm/ 99.99+%	(ca. 2.46 g/25 x 25 mm)	25x25 mm
Foils	009210-50X50	Iron Foil 0.5 mm/ 99.99+%	(ca. 9.84 g/50 x 50 mm)	50x50 mm
Foils	009210-100X100	Iron Foil 0.5 mm/ 99.99+%	(ca. 39.4 g/100 x 100 mm)	100x100 mm
Foils	900907-100X100	Iron Foil 1.0 mm/ 99.5%	(ca. 78.7 g/100 x 100 mm)	100x100 mm
Foils	009211-25X25	Iron Foil 1.0 mm/ 99.99+%	(ca. 4.9 g/25 x 25 mm)	25x25 mm
Foils	009211-50X50	Iron Foil 1.0 mm/ 99.99+%	(ca. 19.7 g/50 x 50 mm)	50x50 mm
Foils	009211-100X100	Iron Foil 1.0 mm/ 99.99+%	(ca. 78.7 g/100 x 100 mm)	100x100 mm
Foils	903781-100X100	Iron Foil 1.5 mm/ 99.5%	(ca. 118.1 g/100 x 100 mm)	100x100 mm
Foils	901222-50X50	Iron Sheet 2 mm/ 99.8%	(ca. 39.35 g/50 x 50 mm)	50x50 mm
Foils	901222-100X100	Iron Sheet 2 mm/ 99.8%	(ca. 157.4 g/100 x 100 mm)	100x100 mm
Foils	904988-50X50	Iron Sheet 2 mm/ 99.99+%	(ca. 39.35 g/50 x 50 mm)	50x50 mm
Foils	904988-100X100	Iron Sheet 2 mm/ 99.99+%	(ca. 157.4 g/100 x 100 mm)	100x100 mm
Foils	904989-50X50	Iron Sheet 5 mm/ 99.99+%	(ca. 98.4 g/50 x 50 mm)	50x50 mm
Foils	904989-100X100	Iron Sheet 5 mm/ 99.99+%	(ca. 393.7 g/100 x 100 mm)	100x100 mm
Wires	904578-25	Iron Wire 0.10 mm diameter, annealed, oiled/ 99.5%	(ca. 0.06 g/m)	25 m
Wires	900908-25	Iron Wire 0.25 mm diameter/ 99.5%	(ca. 0.39 g/m)	25 m
Wires	900908-100	Iron Wire 0.25 mm diameter/ 99.5%	(ca. 0.39 g/m)	100 m
Wires	009212-1	Iron Wire 0.25 mm diameter/ 99.99+%	(ca. 0.39 g/m)	1 m
Wires	900909-5	Iron Wire 0.5 mm diameter/ 99.5%	(ca. 1.55 g/m)	5 m
Wires	900909-25	Iron Wire 0.5 mm diameter/ 99.5%	(ca. 1.55 g/m)	25 m
Wires	009213-1	Iron Wire 0.5 mm diameter/ 99.99+%	(ca. 1.55 g/m)	1 m
Wires	009213-5	Iron Wire 0.5 mm diameter/ 99.99+%	(ca. 1.55 g/m)	5 m
Wires	900905-10	Iron Wire 1.0 mm diameter/ 99.5%	(ca. 6.18 g/m)	10 m
Wires	900905-25	Iron Wire 1.0 mm diameter/ 99.5%	(ca. 6.18 g/m)	25 m
Wires	009214-25	Iron Wire 1.0 mm diameter/ 99.99+%	(ca. 6.18 g/m)	25 cm
Wires	009214-50	Iron Wire 1.0 mm diameter/ 99.99+%	(ca. 6.18 g/m)	50 cm
Wires	009214-2,5	Iron Wire 1.0 mm diameter/ 99.99+%	(ca. 6.18 g/m)	2,5 m
Wires	902171-25	Iron Wire 2.0 mm diameter/ 99.99+%	(ca. 24.7 g/m)	25 cm
Wires	902171-1	Iron Wire 2.0 mm diameter/ 99.99+%	(ca. 24.7 g/m)	1 m
Rods	904207-10	Iron Rod 2.0 mm diameter/ 99.99+%	(ca. 0.25 g/cm)	10 cm
Rods	904207-25	Iron Rod 2.0 mm diameter/ 99.99+%	(ca. 0.25 g/cm)	25 cm
Rods	904443-100	Iron Rod 3.0 mm diameter/ 99.99+%	(ca. 0.56 g/cm)	100 mm
Rods	904443-250	Iron Rod 3.0 mm diameter/ 99.99+%	(ca. 0.56 g/cm)	250 mm
Rods	900911-25	Iron Rod 5.0 mm diameter/ 99.99%	(ca. 1.55 g/cm)	25 mm
Rods	900911-50	Iron Rod 5.0 mm diameter/ 99.99%	(ca. 1.55 g/cm)	50 mm
Rods	900911-100	Iron Rod 5.0 mm diameter/ 99.99%	(ca. 1.55 g/cm)	100 mm
Rods	904990-100	Iron Rod 6 mm diameter/ 99.99+%	(ca. 2.23 g/cm)	100 mm
Rods	904991-100	Iron Rod 8 mm diameter/ 99.99+%	(ca. 3.96 g/cm)	100 mm
Rods	009215-100	Iron Rod 9.5 mm diameter/ 99.9%	(ca. 5.58 g/cm)	100 mm
Rods	009215-300	Iron Rod 9.5 mm diameter/ 99.9%	(ca. 5.58 g/cm)	300 mm
Rods	904992-100	Iron Rod 10 mm diameter/ 99.99+%	(ca. 6.18 g/cm)	100 mm
Rods	900912-100	Iron Rod 12.7 mm diameter/ 99.9%	(ca. 9.97 g/cm)	100 mm
Rods	900912-300	Iron Rod 12.7 mm diameter/ 99.9%	(ca. 9.97 g/cm)	300 mm
Rods	904993-100	Iron Rod 15 mm diameter/ 99.9%	(ca. 13.9 g/cm)	100 mm
Rods	904997-100	Iron Rod 15 mm diameter/ 99.99+%	(ca. 13.9 g/cm)	100 mm
Rods	902206-250	Iron Rod 19 mm diameter/ 99.98%	(ca. 22.3 g/cm)	250 mm
Rods	904998-100	Iron Rod 25 mm diameter/ 99.9%	(ca. 38.6 g/cm)	100 mm
Rods	904996-100	Iron Rod 25 mm diameter/ 99.99+%	(ca. 38.6 g/cm)	100 mm
Sputtering Targets	905111-25	Iron Sputtering Target 0.5 mm/ 99.99+%	25 mm diameter	1 piece

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Shape	Product Code	Product Description	Details	Unit
Sputtering Targets	905111-50	Iron Sputtering Target 0.5 mm/ 99.99+%	50 mm diameter	1 piece
Sputtering Targets	905111-75	Iron Sputtering Target 0.5 mm/ 99.99+%	75 mm diameter	1 piece
Sputtering Targets	905111-100	Iron Sputtering Target 0.5 mm/ 99.99+%	100 mm diameter	1 piece
Sputtering Targets	905111-125	Iron Sputtering Target 0.5 mm/ 99.99+%	125 mm diameter	1 piece
Sputtering Targets	905112-25	Iron Sputtering Target 1 mm/ 99.99+%	25 mm diameter	1 piece
Sputtering Targets	905112-50	Iron Sputtering Target 1 mm/ 99.99+%	50 mm diameter	1 piece
Sputtering Targets	905112-75	Iron Sputtering Target 1 mm/ 99.99+%	75 mm diameter	1 piece
Sputtering Targets	905112-100	Iron Sputtering Target 1 mm/ 99.99+%	100 mm diameter	1 piece
Sputtering Targets	905112-125	Iron Sputtering Target 1 mm/ 99.99+%	125 mm diameter	1 piece
Sputtering Targets	904312-25	Iron Sputtering Target 3 mm/ 99.9%	25 mm diameter	1 piece
Sputtering Targets	904312-50	Iron Sputtering Target 3 mm/ 99.9%	50 mm diameter	1 piece
Sputtering Targets	904312-75	Iron Sputtering Target 3 mm/ 99.9%	75 mm diameter	1 piece
Sputtering Targets	904312-100	Iron Sputtering Target 3 mm/ 99.9%	100 mm diameter	1 piece
Sputtering Targets	904312-125	Iron Sputtering Target 3 mm/ 99.9%	125 mm diameter	1 piece
Sputtering Targets	904312-150	Iron Sputtering Target 3 mm/ 99.9%	150 mm diameter	1 piece
Sputtering Targets	904313-25	Iron Sputtering Target 3 mm/ 99.99+%	25 mm diameter	1 piece
Sputtering Targets	904313-50	Iron Sputtering Target 3 mm/ 99.99+%	50 mm diameter	1 piece
Sputtering Targets	904313-75	Iron Sputtering Target 3 mm/ 99.99+%	75 mm diameter	1 piece
Sputtering Targets	904313-100	Iron Sputtering Target 3 mm/ 99.99+%	100 mm diameter	1 piece
Sputtering Targets	904313-125	Iron Sputtering Target 3 mm/ 99.99+%	125 mm diameter	1 piece
Sputtering Targets	904313-150	Iron Sputtering Target 3 mm/ 99.99+%	150 mm diameter	1 piece
Sputtering Targets	903320-25	Iron Sputtering Target 6 mm/ 99.9%	25 mm diameter	1 piece
Sputtering Targets	903320-50	Iron Sputtering Target 6 mm/ 99.9%	50 mm diameter	1 piece
Sputtering Targets	903320-75	Iron Sputtering Target 6 mm/ 99.9%	75 mm diameter	1 piece
Sputtering Targets	903320-100	Iron Sputtering Target 6 mm/ 99.9%	100 mm diameter	1 piece
Sputtering Targets	903320-125	Iron Sputtering Target 6 mm/ 99.9%	125 mm diameter	1 piece
Sputtering Targets	903320-150	Iron Sputtering Target 6 mm/ 99.9%	150 mm diameter	1 piece
Sputtering Targets	904314-25	Iron Sputtering Target 6 mm/ 99.99+%	25 mm diameter	1 piece

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Shape	Product Code	Product Description	Details	Unit
Sputtering Targets	904314-50	Iron Sputtering Target 6 mm/ 99.99+%	50 mm diameter	1 piece
Sputtering Targets	904314-75	Iron Sputtering Target 6 mm/ 99.99+%	75 mm diameter	1 piece
Sputtering Targets	904314-100	Iron Sputtering Target 6 mm/ 99.99+%	100 mm diameter	1 piece
Sputtering Targets	904314-125	Iron Sputtering Target 6 mm/ 99.99+%	125 mm diameter	1 piece
Sputtering Targets	904314-150	Iron Sputtering Target 6 mm/ 99.99+%	150 mm diameter	1 piece
Nano-powders	CFF-NP085-5	Stainless steel 316L APS 60-80 nm Nanopowder/ 99.9%	spherical, black powder	5 g
Nano-powders	CFF-NP085-10	Stainless steel 316L APS 60-80 nm Nanopowder/ 99.9%	spherical, black powder	10 g
Nano-powders	CFF-NP085-25	Stainless steel 316L APS 60-80 nm Nanopowder/ 99.9%	spherical, black powder	25 g
Nano-powders	CFF-NP085-100	Stainless steel 316L APS 60-80 nm Nanopowder/ 99.9%	spherical, black powder	100 g
Powders	900919-100	Stainless steel powder 150 micron		100 g
Foils	902229-150X150	Stainless steel foil 0.075 mm	(AISI 316, V4A)	150x150 mm
Foils	902229-300X300	Stainless steel foil 0.075 mm	(AISI 316, V4A)	300x300 mm
Foils	900918-100X100	Stainless steel foil 0.1 mm	(AISI 316, V4A)	100x100 mm
Foils	902230-150X150	Stainless steel foil 0.125 mm	(AISI 316, V4A)	150x150 mm
Foils	902230-300X300	Stainless steel foil 0.125 mm	(AISI 316, V4A)	300x300 mm
Foils	902231-100X100	Stainless steel foil 0.15 mm	(AISI 316, V4A)	100x100 mm
Foils	902231-150X150	Stainless steel foil 0.15 mm	(AISI 316, V4A)	150x150 mm
Foils	900922-100X100	Stainless steel foil 0.25 mm	(AISI 316, V4A)	100x100 mm
Foils	900923-100X100	Stainless steel foil 0.5 mm	(AISI 316, V4A)	100x100 mm
Foils	902620-150X150	Stainless steel foil 1 mm	(AISI 316, V4A)	150x150 mm
Foils	902620-300X300	Stainless steel foil 1 mm	(AISI 316, V4A)	300x300 mm
Wires	900920-5	Stainless steel wire 0.25 mm diameter	(AISI 316, V4A)	5 m
Wires	900920-25	Stainless steel wire 0.25 mm diameter	(AISI 316, V4A)	25 m
Wires	900921-10	Stainless steel wire 0.5 mm diameter	(AISI 316, V4A)	10 m
Wires	900921-25	Stainless steel wire 0.5 mm diameter	(AISI 316, V4A)	25 m
Rods	900924-100	Stainless steel rod 20 mm diameter	(AISI 316, V4A)	100 mm
Rods	900924-250	Stainless steel rod 20 mm diameter	(AISI 316, V4A)	250 mm
Tubes	900926-200	Stainless steel tube 8.0 mm diameter, 1.0 mm wall thickness		200 mm
Tubes	900926-500	Stainless steel tube 8.0 mm diameter, 1.0 mm wall thickness		500 mm

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Shape	Product Code	Product Description	Details	Unit
<b>Lanthanum</b>		<b>La [7439-91-0]</b>		
Powders	009216-10	Lanthanum Powder/ 99.9% (REO)		10 g
Powders	009216-50	Lanthanum Powder/ 99.9% (REO)		50 g
Granules	009217-25	Lanthanum Chips (under mineral oil)/ 99.6% (REO)		25 g
Granules	009217-100	Lanthanum Chips (under mineral oil)/ 99.6% (REO)		100 g
Granules	009218-25	Lanthanum Pieces <10 mm (under mineral oil)/ 99.9% (REO)	(please enquire for dry material)	25 g
Granules	009218-100	Lanthanum Pieces <10 mm (under mineral oil)/ 99.9% (REO)	(please enquire for dry material)	100 g
Granules	900929-25	Lanthanum-Nickel alloy (LaNi5/ pieces < 12 mm)/ 99.9%		25 g
Granules	900929-50	Lanthanum-Nickel alloy (LaNi5/ pieces < 12 mm)/ 99.9%		50 g
Foils	009219-25X50	Lanthanum Foil 0.25 mm/ 99.9% (REO)	(ca. 1.93 g/25 x 50 mm)	25x50 mm
Wires	903716-25	Lanthanum Wire 1 mm diameter/ 99.9% (REO)	(ca. 4.84 g/m)	25 cm
Wires	903716-50	Lanthanum Wire 1 mm diameter/ 99.9% (REO)	(ca. 4.84 g/m)	50 cm
Rods	904852-50	Lanthanum Rod 3 mm diameter/ 99.9% (REO)	(ca. 0.44 g/cm)	50 mm
Rods	904853-50	Lanthanum Rod 5 mm diameter/ 99.9% (REO)	(ca. 1.21 g/cm)	50 mm
Rods	900925-50	Lanthanum Rod 6.35 mm diameter/ 99.9% (REO)	(ca. 1.95 g/cm)	50 mm
Rods	900925-100	Lanthanum Rod 6.35 mm diameter/ 99.9% (REO)	(ca. 1.95 g/cm)	100 mm

**Lead****Pb [7439-92-1]**

Powders	009220-1	Lead Powder -100 mesh/ 99+%		1 kg
Granules	900748-500	Lead Shot 0.4-0.8 mm/ 99.9+%		500 g
Granules	900748-1	Lead Shot 0.4-0.8 mm/ 99.9+%		1 kg
Granules	900748-2,5	Lead Shot 0.4-0.8 mm/ 99.9+%		2,5 kg
Granules	009225-25	Lead Granules 1-5 mm/ 99.999%		25 g
Granules	009225-100	Lead Granules 1-5 mm/ 99.999%		100 g
Granules	009225-250	Lead Granules 1-5 mm/ 99.999%		250 g
Granules	009226-100	Lead Granules 1-5 mm/ 99.9995%		100 g
Granules	009223-500	Lead Granules 3 mm/ 99.9+%		500 g
Granules	009223-1	Lead Granules 3 mm/ 99.9+%		1 kg
Granules	903530-100	Lead Pellets 6 x 6 mm/ 99.9+%		100 g
Ingots	009236-250	Lead Bar/ 99.9999%		250 g
Foils	903137-100X100	Lead Foil 0.125 mm/ 99.99%	(ca. 14.2 g/100 x 100 mm)	100x100 mm
Foils	903137-150X150	Lead Foil 0.125 mm/ 99.99%	(ca. 31.9 g/150 x 150 mm)	150x150 mm
Foils	904579-100X100	Lead Foil 0.25 mm/ 99.95+%	(ca. 28.4 g/100 x 100 mm)	100x100 mm
Foils	009233-50X50	Lead Foil 0.25 mm/ 99.999%	(ca. 7.09 g/50 x 50 mm)	50x50 mm
Foils	009233-100X100	Lead Foil 0.25 mm/ 99.999%	(ca. 28.4 g/100 x 100 mm)	100x100 mm
Foils	009233-100X200	Lead Foil 0.25 mm/ 99.999%	(ca. 56.8 g/100 x 200 mm)	100x200 mm
Foils	904580-50X50	Lead Foil 0.5 mm/ 99.95+%	(ca. 14.2 g/50 x 50 mm)	50x50 mm
Foils	904580-100X100	Lead Foil 0.5 mm/ 99.95+%	(ca. 56.8 g/100 x 100 mm)	100x100 mm
Foils	904042-100X200	Lead Foil 0.5 mm/ 99.999%	(ca. 113.6 g/100 x 200 mm)	100x200 mm
Foils	904581-50X50	Lead Foil 1.0 mm/ 99.99%	(ca. 28.4 g/50 x 50 mm)	50x50 mm
Foils	904581-100X100	Lead Foil 1.0 mm/ 99.99%	(ca. 113.5 g/100 x 100 mm)	100x100 mm
Foils	904582-50X50	Lead Foil 2.0 mm/ 99.8%	(ca. 57 g/50 x 50 mm)	50x50 mm
Foils	904582-100X100	Lead Foil 2.0 mm/ 99.8%	(ca. 227 g/100 x 100 mm)	100x100 mm
Foils	905041-50X50	Lead Sheet 5 mm/ 99.99%	(ca. 142 g/50 x 50 mm)	50x50 mm
Foils	905041-100X100	Lead Sheet 5 mm/ 99.99%	(ca. 568 g/100 x 100 mm)	100x100 mm



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Shape	Product Code	Product Description	Details	Unit
Wires	904583-5	Lead Wire 0.5 mm diameter/ 99%	(ca. 2.23 g/m)	5 m
Wires	904583-25	Lead Wire 0.5 mm diameter/ 99%	(ca. 2.23 g/m)	25 m
Wires	009227-5	Lead Wire 1.0 mm diameter/ 99.9+%	(ca. 8.91 g/m)	5 m
Wires	009227-25	Lead Wire 1.0 mm diameter/ 99.9+%	(ca. 8.91 g/m)	25 m
Wires	009228-2	Lead Wire 1.0 mm diameter/ 99.99%	(ca. 8.91 g/m)	2 m
Wires	009228-5	Lead Wire 1.0 mm diameter/ 99.99%	(ca. 8.91 g/m)	5 m
Wires	009229-1	Lead Wire 1.0 mm diameter/ 99.999%	(ca. 8.91 g/m)	1 m
Wires	009229-5	Lead Wire 1.0 mm diameter/ 99.999%	(ca. 8.91 g/m)	5 m
Wires	904584-1	Lead Wire 1.6 mm diameter/ 99.99%	(ca. 22.8 g/m)	1 m
Wires	009230-5	Lead Wire 2.0 mm diameter/ 99.9+%	(ca. 35.6 g/m)	5 m
Wires	009230-10	Lead Wire 2.0 mm diameter/ 99.9+%	(ca. 35.6 g/m)	10 m
Wires	009230-25	Lead Wire 2.0 mm diameter/ 99.9+%	(ca. 35.6 g/m)	25 m
Wires	009230-50	Lead Wire 2.0 mm diameter/ 99.9+%	(ca. 35.6 g/m)	50 m
Wires	009231-1	Lead Wire 2.0 mm diameter/ 99.99%	(ca. 35.6 g/m)	1 m
Wires	009232-25	Lead Wire 2.0 mm diameter/ 99.999%	(ca. 35.6 g/m)	25 cm
Wires	009232-1	Lead Wire 2.0 mm diameter/ 99.999%	(ca. 35.6 g/m)	1 m
Wires	902086-1	Lead Wire 3.0 mm diameter/ 99.999%	(ca. 80.2 g/m)	1 m
Rods	900930-100	Lead Rod 6 mm diameter/ 99.99%	(ca. 3.2 g/cm)	100 mm
Rods	900930-250	Lead Rod 6 mm diameter/ 99.99%	(ca. 3.2 g/cm)	250 mm
Rods	009234-200	Lead Rod 8 mm/ 99.999%	(ca. 5.7 g/cm)	200 mm
Wires	904585-150	Lead Rod 10 mm/ 99.999%	(ca. 8.9 g/cm)	150 mm
Sputtering Targets	904315-25	Lead Sputtering Target 3 mm/ 99.99%	25 mm diameter	1 piece
Sputtering Targets	904315-50	Lead Sputtering Target 3 mm/ 99.99%	50 mm diameter	1 piece
Sputtering Targets	904315-75	Lead Sputtering Target 3 mm/ 99.99%	75 mm diameter	1 piece
Sputtering Targets	904315-100	Lead Sputtering Target 3 mm/ 99.99%	100 mm diameter	1 piece
Sputtering Targets	904316-25	Lead Sputtering Target 6 mm/ 99.99%	25 mm diameter	1 piece
Sputtering Targets	904316-50	Lead Sputtering Target 6 mm/ 99.99%	50 mm diameter	1 piece
Sputtering Targets	904316-75	Lead Sputtering Target 6 mm/ 99.99%	75 mm diameter	1 piece
Sputtering Targets	904316-100	Lead Sputtering Target 6 mm/ 99.99%	100 mm diameter	1 piece

## Lithium

### Li [7439-93-2]

Granules	009239-50	Lithium Granules, sealed in cans under argon/ 99.4%		50 g
Foils	009241-200	Lithium Foil 0.25 x 60 mm under argon/ 99.8%		200 g
Foils	009242-100	Lithium Foil 0.5 x 60 mm under argon/ 99.8%		100 g
Foils	009244-100	Lithium Foil 2.0 x 50 mm under argon/ 99.8%		100 g
Wires	009240-50	Lithium Wire 3 mm, sealed in cans under argon/ 99.8%		50 g

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Shape	Product Code	Product Description	Details	Unit
<b>Lutetium</b>		<b>Lu [7439-94-3]</b>		
Powders	009245-2	Lutetium Powder/ 99.9% (REO)		2 g
Granules	009246-2	Lutetium Chips/ 99.9% (REO)		2 g
Granules	009247-2	Lutetium Pieces/ 99.9% (REO)		2 g
Granules	009247-5	Lutetium Pieces/ 99.9% (REO)		5 g
Granules	903074-5	Lutetium Pieces/ 99.99% (REO)		5 g
Foils	901945-25X50	Lutetium Foil 0.25 mm/ 99.9% (REO)	(ca. 3.08 g/25 x 50 mm)	25x50 mm

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Shape	Product Code	Product Description	Details	Unit
<b>Magnesium</b>		<b>Mg [7439-95-4]</b>		
Powders	009248-1	Magnesium Powder 315-630 micron/ 99%		1 kg
Granules	009250-250	Magnesium Turnings 2-5 mm/ 99.5%		250 g
Granules	009250-1	Magnesium Turnings 2-5 mm/ 99.5%		1 kg
Granules	904167-25	Magnesium Pellets 4x4 mm/ 99.99%		25 g
Granules	904167-100	Magnesium Pellets 4x4 mm/ 99.99%		100 g
Granules	904167-250	Magnesium Pellets 4x4 mm/ 99.99%		250 g
Rods	904848-50	Magnesium Rod 3 mm diameter/ 99.98%	(ca. 0.12 g/cm)	50 mm
Rods	904848-100	Magnesium Rod 3 mm diameter/ 99.98%	(ca. 0.12 g/cm)	100 mm
Rods	904849-50	Magnesium Rod 6 mm diameter/ 99.98%	(ca. 0.49 g/cm)	50 mm
Rods	904849-100	Magnesium Rod 6 mm diameter/ 99.98%	(ca. 0.49 g/cm)	100 mm
Rods	009252-100	Magnesium Rod 6.35 mm diameter/ 99.9+%	(ca. 0.55 g/cm)	100 mm
Rods	009252-300	Magnesium Rod 6.35 mm diameter/ 99.9+%	(ca. 0.55 g/cm)	300 mm
Rods	904850-50	Magnesium Rod 8 mm diameter/ 99.98%	(ca. 0.87 g/cm)	50 mm
Rods	904850-100	Magnesium Rod 8 mm diameter/ 99.98%	(ca. 0.87 g/cm)	100 mm
Rods	009253-300	Magnesium Rod 9.5 mm diameter/ 99.9+%	(ca. 1.23 g/cm)	300 mm
Rods	904851-50	Magnesium Rod 10 mm diameter/ 99.98%	(ca. 1.37 g/cm)	50 mm
Rods	904851-100	Magnesium Rod 10 mm diameter/ 99.98%	(ca. 1.37 g/cm)	100 mm
Rods	902897-100	Magnesium Rod 25.4 mm diameter/ 99.9%	(ca. 8.81 g/cm)	100 mm
Rods	902897-200	Magnesium Rod 25.4 mm diameter/ 99.9%	(ca. 8.81 g/cm)	200 mm
Foils	904838-50X50	Magnesium Foil 0.1 mm/ 99.8%	(ca. 0.44 g/50 x 50 mm)	50x50 mm
Foils	904838-100X100	Magnesium Foil 0.1 mm/ 99.8%	(ca. 1.74 g/100 x 100 mm)	100x100 mm
Foils	904839-50X50	Magnesium Foil 0.1 mm/ 99.98%	(ca. 0.44 g/50 x 50 mm)	50x50 mm
Foils	904839-100X100	Magnesium Foil 0.1 mm/ 99.98%	(ca. 1.74 g/100 x 100 mm)	100x100 mm
Foils	904586-25X25	Magnesium Foil 0.25 mm/ 98%	(ca. 0.27 g/25 x 25 mm)	25x25 mm
Foils	904586-50X50	Magnesium Foil 0.25 mm/ 98%	(ca. 1.09 g/50 x 50 mm)	50x50 mm
Foils	904840-50X50	Magnesium Foil 0.25 mm/ 99.98%	(ca. 1.09 g/50 x 50 mm)	50x50 mm
Foils	904840-100X100	Magnesium Foil 0.25 mm/ 99.98%	(ca. 4.35 g/100 x 100 mm)	100x100 mm
Foils	902044-25X25	Magnesium Foil 0.5 mm/ 98%	(ca. 0.54 g/25 x 25 mm)	25x25 mm
Foils	902044-50X50	Magnesium Foil 0.5 mm/ 98%	(ca. 2.17 g/50 x 50 mm)	50x50 mm
Foils	904841-50X50	Magnesium Foil 0.5 mm/ 99.98%	(ca. 2.17 g/50 x 50 mm)	50x50 mm
Foils	904841-100X100	Magnesium Foil 0.5 mm/ 99.98%	(ca. 8.69 g/100 x 100 mm)	100x100 mm
Foils	902045-25X25	Magnesium Foil 1 mm/ 98%	(ca. 1.09 g/25 x 25 mm)	25x25 mm
Foils	902045-50X50	Magnesium Foil 1 mm/ 98%	(ca. 4.35 g/50 x 50 mm)	50x50 mm
Foils	904842-50X50	Magnesium Foil 1 mm/ 99.8%	(ca. 1.09 g/25 x 25 mm)	50x50 mm
Foils	904842-100X100	Magnesium Foil 1 mm/ 99.8%	(ca. 4.35 g/50 x 50 mm)	100x100 mm
Foils	904843-50X50	Magnesium Foil 1 mm/ 99.98%	(ca. 1.09 g/25 x 25 mm)	50x50 mm
Foils	904843-100X100	Magnesium Foil 1 mm/ 99.98%	(ca. 4.35 g/50 x 50 mm)	100x100 mm
Foils	902046-25X25	Magnesium Sheet 2 mm/ 98%	(ca. 2.17 g/25 x 25 mm)	25x25 mm
Foils	902046-50X50	Magnesium Sheet 2 mm/ 98%	(ca. 8.69 g/50 x 50 mm)	50x50 mm
Foils	904844-100X100	Magnesium Sheet 2 mm/ 99.8%	(ca. 34.8 g/100 x 100 mm)	100x100 mm
Foils	904845-100X100	Magnesium Sheet 2 mm/ 99.98%	(ca. 34.8 g/100 x 100 mm)	100x100 mm
Foils	904846-100X100	Magnesium Sheet 5 mm/ 99.8%	(ca. 8.69 g/50 x 50 mm)	100x100 mm
Foils	904847-100X100	Magnesium Sheet 5 mm/ 99.98%	(ca. 8.69 g/50 x 50 mm)	100x100 mm
Sputtering Targets	904317-25	Magnesium Sputtering Target 3 mm/ 99.8%	25 mm diameter	1 piece
Sputtering Targets	904317-50	Magnesium Sputtering Target 3 mm/ 99.8%	50 mm diameter	1 piece
Sputtering Targets	904317-75	Magnesium Sputtering Target 3 mm/ 99.8%	75 mm diameter	1 piece

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Shape	Product Code	Product Description	Details	Unit
Sputtering Targets	904317-100	Magnesium Sputtering Target 3 mm/ 99.8%	100 mm diameter	1 piece
Sputtering Targets	904318-25	Magnesium Sputtering Target 3 mm/ 99.98%	25 mm diameter	1 piece
Sputtering Targets	904318-50	Magnesium Sputtering Target 3 mm/ 99.98%	50 mm diameter	1 piece
Sputtering Targets	904318-75	Magnesium Sputtering Target 3 mm/ 99.98%	75 mm diameter	1 piece
Sputtering Targets	904318-100	Magnesium Sputtering Target 3 mm/ 99.98%	100 mm diameter	1 piece
Sputtering Targets	904617-25	Magnesium Sputtering Target 6 mm/ 99.8%	25 mm diameter	1 piece
Sputtering Targets	904617-50	Magnesium Sputtering Target 6 mm/ 99.8%	50 mm diameter	1 piece
Sputtering Targets	904617-75	Magnesium Sputtering Target 6 mm/ 99.8%	75 mm diameter	1 piece
Sputtering Targets	904617-100	Magnesium Sputtering Target 6 mm/ 99.8%	100 mm diameter	1 piece
Sputtering Targets	904319-25	Magnesium Sputtering Target 6 mm/ 99.98%	25 mm diameter	1 piece
Sputtering Targets	904319-50	Magnesium Sputtering Target 6 mm/ 99.98%	50 mm diameter	1 piece
Sputtering Targets	904319-75	Magnesium Sputtering Target 6 mm/ 99.98%	75 mm diameter	1 piece
Sputtering Targets	904319-100	Magnesium Sputtering Target 6 mm/ 99.98%	100 mm diameter	1 piece

## Manganese

### Mn [7439-96-5]

Powders	900963-500	Manganese Powder -325 mesh/ 99.6%		500 g
Powders	009255-50	Manganese Powder -325 mesh/ 99.95%		50 g
Powders	904524-100	Manganese Powder 125-500 micron, low oxygen/ 99.8+%		100 g
Powders	904524-250	Manganese Powder 125-500 micron, low oxygen/ 99.8+%		250 g
Granules	009256-250	Manganese Flakes < 4 mm/ 99.8%		250 g
Granules	009256-1	Manganese Flakes < 4 mm/ 99.8%		1 kg
Granules	009257-50	Manganese Pieces, irregular, 3-12 mm/ 99.99%		50 g
Granules	009257-250	Manganese Pieces, irregular, 3-12 mm/ 99.99%		250 g
Granules	900964-250	Manganese Pieces, irregular/ 99.9%		250 g
Granules	900964-1	Manganese Pieces, irregular/ 99.9%		1 kg
Rods	904986-50	Manganese Rod 3 mm diameter/ 99.8%	(ca. 0.53 g/cm)	50 mm
Rods	904383-50	Manganese Rod 3 mm diameter/ 99.99%	(ca. 0.53 g/cm)	50 mm
Rods	904987-50	Manganese Rod 6 mm diameter/ 99.8%	(ca. 2.10 g/cm)	50 mm
Foils	902907-10X10	Manganese Foil 1 mm, casted/ 99.9+%	(ca. 0.74 g/10 x 10 mm)	10x10 mm
Foils	902907-25X25	Manganese Foil 1 mm, casted/ 99.9+%	(ca. 4.65 g/25 x 25 mm)	25x25 mm
Foils	904522-10X10	Manganese Foil 2 mm, casted/ 99.9+%	(ca. 1.48 g/10 x 10 mm)	10x10 mm
Foils	904522-25X25	Manganese Foil 2 mm, casted/ 99.9+%	(ca. 9.3 g/25 x 25 mm)	25x25 mm
Sputtering Targets	903511-25	Manganese Sputtering Target 3 mm/ 99.5%	25 mm diameter	1 piece
Sputtering Targets	903511-50	Manganese Sputtering Target 3 mm/ 99.5%	50 mm diameter	1 piece
Sputtering Targets	904320-25	Manganese Sputtering Target 3 mm/ 99.98%	25 mm diameter	1 piece

Shape	Product Code	Product Description	Details	Unit
Sputtering Targets	904320-50	Manganese Sputtering Target 3 mm/ 99.98%	50 mm diameter	1 piece
Sputtering Targets	904321-25	Manganese Sputtering Target 6 mm/ 99.5%	25 mm diameter	1 piece
Sputtering Targets	904321-50	Manganese Sputtering Target 6 mm/ 99.5%	50 mm diameter	1 piece
Sputtering Targets	904322-25	Manganese Sputtering Target 6 mm/ 99.98%	25 mm diameter	1 piece
Sputtering Targets	904322-50	Manganese Sputtering Target 6 mm/ 99.98%	50 mm diameter	1 piece

## Mercury

### Hg [7439-97-6]

Liquids	009258-500	Mercury Liquid/ 99.99%		500 g
Liquids	009258-1	Mercury Liquid/ 99.99%		1 kg
Liquids	009259-500	Mercury Liquid/ 99.999%		500 g
Liquids	009259-1	Mercury Liquid/ 99.999%		1 kg
Liquids	009260-500	Mercury Liquid/ 99.999+%		500 g
Liquids	009260-1	Mercury Liquid/ 99.999+%		1 kg
Liquids	905076-250	Mercury Liquid/ 99.999995%		250 g
Liquids	905076-500	Mercury Liquid/ 99.999995%		500 g
Liquids	905076-1	Mercury Liquid/ 99.999995%		1 kg
Liquids	903048-250	Mercury Liquid/ 99.999999%		250 g
Liquids	903048-500	Mercury Liquid/ 99.999999%		500 g
Liquids	903048-1	Mercury Liquid/ 99.999999%		1 kg

## Molybdenum

### Mo [7439-98-7]

Nano-powders	CFF-NP076-5	Molybdenum Nanopowder APS 80 nm/ 99+%	SSA 4-10 m <sup>2</sup> /g ~ spherical, black powder	5 g
Nano-powders	CFF-NP076-10	Molybdenum Nanopowder APS 80 nm/ 99+%	SSA 4-10 m <sup>2</sup> /g ~ spherical, black powder	10 g
Nano-powders	CFF-NP076-25	Molybdenum Nanopowder APS 80 nm/ 99+%	SSA 4-10 m <sup>2</sup> /g ~ spherical, black powder	25 g
Nano-powders	CFF-NP076-100	Molybdenum Nanopowder APS 80 nm/ 99+%	SSA 4-10 m <sup>2</sup> /g ~ spherical, black powder	100 g
Powders	009261-100	Molybdenum Powder 2-5 micron/ 99.95+%		100 g
Powders	009261-500	Molybdenum Powder 2-5 micron/ 99.95+%		500 g
Powders	009262-100	Molybdenum Powder < 100 micron/ 99.9+%		100 g
Powders	009262-500	Molybdenum Powder < 100 micron/ 99.9+%		500 g
Granules	900970-25 g	Molybdenum Pellets 6 x 12 mm/ 99.9+%		25 g
Granules	900970-100	Molybdenum Pellets 6 x 12 mm/ 99.9+%		100 g
Granules	900592-25	Molybdenum Pellets, 6.35 x 6.35 mm, vacuum melted/ 99.98%		25 g
Granules	900592-100	Molybdenum Pellets, 6.35 x 6.35 mm, vacuum melted/ 99.98%		100 g
Foils	900779-50X50	Molybdenum Foil 0.025 mm/ 99.9+%	(ca. 0.64 g/50 x 50 mm)	50x50 mm
Foils	900779-100X100	Molybdenum Foil 0.025 mm/ 99.9+%	(ca. 2.57 g/100 x 100 mm)	100x100 mm
Foils	900779-150X150	Molybdenum Foil 0.025 mm/ 99.9+%	(ca. 5.8 g/150 x 150 mm)	150x150 mm
Foils	900967-100X100	Molybdenum Foil 0.05 mm/ 99.9+%	(ca. 5.14 g/100 x 100 mm)	100x100 mm
Foils	900967-150X150	Molybdenum Foil 0.05 mm/ 99.9+%	(ca. 11.6 g/150 x 150 mm)	150x150 mm
Foils	904384-100X200	Molybdenum Foil 0.1 mm, plane, shiny/ 99.95%	(ca. 20.6 g/100 x 200 mm)	100x200 mm
Foils	009264-100X100	Molybdenum Foil 0.1 mm/ 99.95%	(ca. 10.3 g/100 x 100 mm)	100x100 mm
Foils	009264-100X200	Molybdenum Foil 0.1 mm/ 99.95%	(ca. 20.6 g/100 x 200 mm)	100x200 mm

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Shape	Product Code	Product Description	Details	Unit
Foils	009265-100X100	Molybdenum Foil 0.15 mm/ 99.95%	(ca. 15.5 g/100 x 100 mm)	100x100 mm
Foils	009265-100X200	Molybdenum Foil 0.15 mm/ 99.95%	(ca. 30.9 g/100 x 200 mm)	100x200 mm
Foils	009266-100X100	Molybdenum Foil 0.2 mm/ 99.95%	(ca. 20.6 g/100 x 100 mm)	100x100 mm
Foils	009266-100X200	Molybdenum Foil 0.2 mm/ 99.95%	(ca. 41.2 g/100 x 200 mm)	100x200 mm
Foils	900968-50X50	Molybdenum Foil 0.25 mm/ 99.9+%	(ca. 6.4 g/50 x 50 mm)	50x50 mm
Foils	900968-100X100	Molybdenum Foil 0.25 mm/ 99.9+%	(ca. 25.7 g/100 x 100 mm)	100x100 mm
Foils	900968-150X150	Molybdenum Foil 0.25 mm/ 99.9+%	(ca. 57.8 g/150 x 150 mm)	150x150 mm
Foils	009267-100X200	Molybdenum Foil 0.3 mm/ 99.95%	(ca. 61.7 g/100 x 200 mm)	100x200 mm
Foils	009268-100X200	Molybdenum Foil 0.5 mm/ 99.95%	(ca. 103 g/100 x 200 mm)	100x200 mm
Foils	900966-100X100	Molybdenum Foil 1.0 mm/ 99.9+%	(ca. 103 g/100 x 100 mm)	100x100 mm
Foils	900966-150X150	Molybdenum Foil 1.0 mm/ 99.9+%	(ca. 232 g/150 x 150 mm)	150x150 mm
Foils	900966-100X200	Molybdenum Foil 1.0 mm/ 99.9+%	(ca. 206 g/100 x 200 mm)	100x200 mm
Foils	902983-100X100	Molybdenum Sheet 1.5 mm/ 99.9+%	(ca. 155 g/100 x 100 mm)	100x100 mm
Foils	902178-100X100	Molybdenum Sheet 2 mm/ 99.9+%	(ca. 206 g/100 x 100 mm)	100x100 mm
Foils	903059-100X100	Molybdenum Sheet 2.5 mm/ 99.9+%	(ca. 258 g/100 x 100 mm)	100x100 mm
Foils	902936-100X100	Molybdenum Sheet 3 mm/ 99.9+%	(ca. 309 g/100 x 100 mm)	100x100 mm
Wires	009269-50	Molybdenum Wire 0.1 mm diameter/ 99.95%	(ca. 0.08 g/m)	50 m
Wires	009269-100	Molybdenum Wire 0.1 mm diameter/ 99.95%	(ca. 0.08 g/m)	100 m
Wires	009270-25	Molybdenum Wire 0.25 mm diameter/ 99.95%	(ca. 0.50 g/m)	25 m
Wires	009270-100	Molybdenum Wire 0.25 mm diameter/ 99.95%	(ca. 0.50 g/m)	100 m
Wires	009271-25	Molybdenum Wire 0.3 mm diameter/ 99.95%	(ca. 0.73 g/m)	25 m
Wires	009271-100	Molybdenum Wire 0.3 mm diameter/ 99.95%	(ca. 0.73 g/m)	100 m
Wires	009272-25	Molybdenum Wire 0.5 mm diameter/ 99.95%	(ca. 2.02 g/m)	25 m
Wires	009272-100	Molybdenum Wire 0.5 mm diameter/ 99.95%	(ca. 2.02 g/m)	100 m
Wires	009273-10	Molybdenum Wire 0.7 mm diameter/ 99.95%	(ca. 3.96 g/m)	10 m
Wires	009273-25	Molybdenum Wire 0.7 mm diameter/ 99.95%	(ca. 3.96 g/m)	25 m
Wires	009274-5	Molybdenum Wire 1.0 mm diameter/ 99.95%	(ca. 8.07 g/m)	5 m
Wires	009274-25	Molybdenum Wire 1.0 mm diameter/ 99.95%	(ca. 8.07 g/m)	25 m
Wires	902658-1	Molybdenum Wire 1.5 mm diameter/ 99.95%	(ca. 18.2 g/m)	1 m
Wires	902658-5	Molybdenum Wire 1.5 mm diameter/ 99.95%	(ca. 18.2 g/m)	5 m
Wires	009275-1	Molybdenum Wire 2.0 mm diameter/ 99.95%	(ca. 32.3 g/m)	1 m
Wires	009275-5	Molybdenum Wire 2.0 mm diameter/ 99.95%	(ca. 32.3 g/m)	5 m
Rods	903645-1	Molybdenum Rod 1 mm diameter/ 99.95%	(ca. 8.07 g/m)	1 m
Rods	903646-1	Molybdenum Rod 1.5 mm diameter/ 99.95%	(ca. 18.2 g/m)	1 m
Rods	902161-500	Molybdenum Rod 2.0 mm diameter/ 99.9+%	(ca. 32.3 g/m)	500 mm
Rods	902161-1	Molybdenum Rod 2.0 mm diameter/ 99.9+%	(ca. 32.3 g/m)	1 m
Rods	902161-5X500	Molybdenum Rod 2.0 mm diameter/ 99.9+%	(ca. 32.3 g/m)	5x500 mm
Rods	902161-5X1	Molybdenum Rod 2.0 mm diameter/ 99.9+%	(ca. 32.3 g/m)	5x1 m
Rods	904058-500	Molybdenum Rod 2.5 mm diameter/ 99.9+%	(ca. 50.5 g/m)	500 mm
Rods	902095-500	Molybdenum Rod 3.0 mm diameter/ 99.9+%	(ca. 72.7 g/m)	500 mm
Rods	902095-5X500	Molybdenum Rod 3.0 mm diameter/ 99.9+%	(ca. 72.7 g/m)	5x500 mm
Rods	902694-250	Molybdenum Rod 4.0 mm diameter/ 99.9+%	(ca. 129 g/m)	250 mm
Rods	902694-500	Molybdenum Rod 4.0 mm diameter/ 99.9+%	(ca. 129 g/m)	500 mm
Rods	009277-100	Molybdenum Rod 5.0 mm diameter/ 99.95%	(ca. 202 g/m)	100 mm
Rods	009277-250	Molybdenum Rod 5.0 mm diameter/ 99.95%	(ca. 202 g/m)	250 mm
Rods	009277-500	Molybdenum Rod 5.0 mm diameter/ 99.95%	(ca. 202 g/m)	500 mm
Rods	903010-250	Molybdenum Rod 6.0 mm diameter/ 99.9+%	(ca. 290 g/m)	250 mm
Rods	900969-250	Molybdenum Rod 8.0 mm diameter/ 99.9+%	(ca. 5.17 g/cm)	250 mm
Rods	009278-100	Molybdenum Rod 10 mm diameter/ 99.95%	(ca. 8.07 g/cm)	100 mm
Rods	009278-250	Molybdenum Rod 10 mm diameter/ 99.95%	(ca. 8.07 g/cm)	250 mm
Rods	902627-100	Molybdenum Rod 12 mm diameter/ 99.9+%	(ca. 11.6 g/cm)	100 mm

Shape	Product Code	Product Description	Details	Unit
Rods	900769-100	Molybdenum Rod 20 mm diameter/ 99.9+%	(ca. 32.3 g/cm)	100 mm
Rods	900769-500	Molybdenum Rod 20 mm diameter/ 99.9+%	(ca. 32.3 g/cm)	500 mm
Rods	902651-100	Molybdenum Rod 30 mm diameter/ 99.9+%	(ca. 72.7 g/cm)	100 mm
Sputtering Targets	904323-25	Molybdenum Sputtering Target 3 mm/ 99.95%	25 mm diameter	1 piece
Sputtering Targets	904323-50	Molybdenum Sputtering Target 3 mm/ 99.95%	50 mm diameter	1 piece
Sputtering Targets	904323-75	Molybdenum Sputtering Target 3 mm/ 99.95%	75 mm diameter	1 piece
Sputtering Targets	904323-100	Molybdenum Sputtering Target 3 mm/ 99.95%	100 mm diameter	1 piece
Sputtering Targets	904323-125	Molybdenum Sputtering Target 3 mm/ 99.95%	125 mm diameter	1 piece
Sputtering Targets	904323-150	Molybdenum Sputtering Target 3 mm/ 99.95%	150 mm diameter	1 piece
Sputtering Targets	904324-25	Molybdenum Sputtering Target 6 mm/ 99.95%	25 mm diameter	1 piece
Sputtering Targets	904324-50	Molybdenum Sputtering Target 6 mm/ 99.95%	50 mm diameter	1 piece
Sputtering Targets	904324-75	Molybdenum Sputtering Target 6 mm/ 99.95%	75 mm diameter	1 piece
Sputtering Targets	904324-100	Molybdenum Sputtering Target 6 mm/ 99.95%	100 mm diameter	1 piece
Sputtering Targets	904324-125	Molybdenum Sputtering Target 6 mm/ 99.95%	125 mm diameter	1 piece
Sputtering Targets	904324-150	Molybdenum Sputtering Target 6 mm/ 99.95%	150 mm diameter	1 piece

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Shape	Product Code	Product Description	Details	Unit
<b>Neodymium</b>		<b>Nd [7440-00-8]</b>		
Powders	009279-10	Neodymium Powder/ 99.9% (REO)		10 g
Powders	009279-50	Neodymium Powder/ 99.9% (REO)		50 g
Granules	009280-10	Neodymium Chips/ 99.9% (REO)		10 g
Granules	009280-50	Neodymium Chips/ 99.9% (REO)		50 g
Granules	009281-25	Neodymium Pieces/ 99.9% (REO)		25 g
Granules	009281-100	Neodymium Pieces/ 99.9% (REO)		100 g
Foils	009282-25X50	Neodymium Foil 0.25 mm/ 99.9% (REO)	(ca. 2.19 g/25 x 50 mm)	25x50 mm
Foils	900991-25X50	Neodymium Foil 0.5 mm/ 99.9% (REO)	(ca. 4.38 g/25 x 50 mm)	25x50 mm
Wires	903719-10	Neodymium Wire 1 mm diameter/ 99.9% (REO)	(ca. 5.50 g/m)	10 cm
Rods	903120-25	Neodymium Rod 6.35 mm diameter/ 99.9% (REO)	(ca. 2.22 g/cm)	25 mm
Rods	903120-100	Neodymium Rod 6.35 mm diameter/ 99.9% (REO)	(ca. 2.22 g/cm)	100 mm
Rods	902451-25	Neodymium Rod 12.5 mm diameter/ 99.9% (REO)	(ca. 8.60 g/cm)	25 mm
Rods	902451-100	Neodymium Rod 12.5 mm diameter/ 99.9% (REO)	(ca. 8.60 g/cm)	100 mm

<b>Nickel</b>		<b>Ni [7440-02-0]</b>		
Nano-powders	904046-5	Nickel Nanopowder APS 20 nm/ 99.8%	SSA 40-60 m <sup>2</sup> /g - spherical, blue and black powder	5 g
Nano-powders	904046-10	Nickel Nanopowder APS 20 nm/ 99.8%	SSA 40-60 m <sup>2</sup> /g - spherical, blue and black powder	10 g
Nano-powders	904046-25	Nickel Nanopowder APS 20 nm/ 99.8%	SSA 40-60 m <sup>2</sup> /g - spherical, blue and black powder	25 g
Nano-powders	904046-100	Nickel Nanopowder APS 20 nm/ 99.8%	SSA 40-60 m <sup>2</sup> /g - spherical, blue and black powder	100 g
Nano-powders	CFF-NP077-5	Nickel Nanopowder APS 60-80 nm/ 99.8%	SSA 8-10 m <sup>2</sup> /g - spherical, black powder	5 g
Nano-powders	CFF-NP077-10	Nickel Nanopowder APS 60-80 nm/ 99.8%	SSA 8-10 m <sup>2</sup> /g - spherical, black powder	10 g
Nano-powders	CFF-NP077-25	Nickel Nanopowder APS 60-80 nm/ 99.8%	SSA 8-10 m <sup>2</sup> /g - spherical, black powder	25 g
Nano-powders	CFF-NP077-100	Nickel Nanopowder APS 60-80 nm/ 99.8%	SSA 8-10 m <sup>2</sup> /g - spherical, black powder	100 g
Powders	009283-100	Nickel Powder < 10 micron/ 99.9%		100 g
Powders	009283-500	Nickel Powder < 10 micron/ 99.9%		500 g
Powders	009285-25	Nickel Powder - 100 mesh/ 99.99%		25 g
Powders	009285-100	Nickel Powder - 100 mesh/ 99.99%		100 g
Granules	903125-10	Nickel Pellets 6 x 6 mm (Co <10 ppm)/ 99.995%		10 g
Granules	903125-50	Nickel Pellets 6 x 6 mm (Co <10 ppm)/ 99.995%		50 g
Granules	900971-25	Nickel Pellets 6 x 6 mm (Co <15 ppm)/ 99.97%		25 g
Granules	900971-100	Nickel Pellets 6 x 6 mm (Co <15 ppm)/ 99.97%		100 g
Granules	009286-500	Nickel Pellets 6-12 mm/ 99.97%		500 g
Granules	009286-1	Nickel Pellets 6-12 mm/ 99.97%		1 kg
Foils	904900-100X100	Nickel Foil 0.05 mm, annealed (electrodeposited)/ 99.95%	(ca. 4.45 g/100 x 100 mm)	100x100 mm
Foils	009287-50X50	Nickel Foil 0.125 mm/ 99.9+%	(ca. 2.78 g/50 x 50 mm)	50x50 mm
Foils	009287-100X100	Nickel Foil 0.125 mm/ 99.9+%	(ca. 11.13 g/100 x 100 mm)	100x100 mm
Foils	009287-150X150	Nickel Foil 0.125 mm/ 99.9+%	(ca. 25 g/150 x 150 mm)	150x150 mm
Foils	009288-100X100	Nickel Foil 0.25 mm/ 99.7%	(ca. 22.26 g/100 x 100 mm)	100x100 mm
Foils	009288-100X200	Nickel Foil 0.25 mm/ 99.7%	(ca. 44.5 g/100 x 200 mm)	100x200 mm
Foils	900972-50X50	Nickel Foil 0.25 mm/ 99.99%	(ca. 5.56 g/50 x 50 mm)	50x50 mm



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Shape	Product Code	Product Description	Details	Unit
Foils	900972-100X100	Nickel Foil 0.25 mm/ 99.99%	(ca. 22.26 g/100 x 100 mm)	100x100 mm
Foils	009289-100X100	Nickel Foil 0.5 mm/ 99.9%	(ca. 44.5 g/100 x 100 mm)	100x100 mm
Foils	009289-100X200	Nickel Foil 0.5 mm/ 99.9%	(ca. 89 g/100 x 200 mm)	100x200 mm
Foils	901899-50X50	Nickel Foil 0.5 mm/ 99.99%	(ca. 11.13 g/50 x 50 mm)	50x50 mm
Foils	901899-100X100	Nickel Foil 0.5 mm/ 99.99%	(ca. 44.5 g/100 x 100 mm)	100x100 mm
Foils	900973-100X100	Nickel Foil 1.0 mm/ 99.8%	(ca. 89 g/100 x 100 mm)	100x100 mm
Foils	900975-50X50	Nickel Foil 1.0 mm/ 99.99%	(ca. 22.26 g/50 x 50 mm)	50x50 mm
Foils	900975-100X100	Nickel Foil 1.0 mm/ 99.99%	(ca. 89 g/100 x 100 mm)	100x100 mm
Gauzes	904268-100X100	Nickel Gauze 130 mesh/25,4 mm, 0.080 mm wire diameter/ 99.6%		100x100 mm
Gauzes	904268-50X50	Nickel Gauze 130 mesh/25,4 mm, 0.080 mm wire diameter/ 99.6%		50x50 mm
Gauzes	902663-100X100	Nickel Gauze 558 mesh/cm <sup>2</sup> , 0.17 mm wire diameter/ 99+%		100x100 mm
Foils	905002-50X50	Nickel Sheet 2 mm/ 99.99+%	(ca. 44.5 g/50 x 50 mm)	50x50 mm
Foils	905002-100X100	Nickel Sheet 2 mm/ 99.99+%	(ca. 178 g/100 x 100 mm)	100x100 mm
Foils	903275-50X100	Nickel Sheet 3 mm/ 99.98%	(ca. 134 g/50 x 100 mm)	50x100 mm
Foils	905003-50X50	Nickel Sheet 5 mm/ 99.99+%	(ca. 111 g/50 x 50 mm)	50x50 mm
Foils	905003-100X100	Nickel Sheet 5 mm/ 99.99+%	(ca. 445 g/100 x 100 mm)	100x100 mm
Wires	009290-2,5	Nickel Wire 0.1 mm diameter/ 99.99%	(ca. 0.07 g/m)	2,5 m
Wires	009290-10	Nickel Wire 0.1 mm diameter/ 99.99%	(ca. 0.07 g/m)	10 m
Wires	009290-25	Nickel Wire 0.1 mm diameter/ 99.99%	(ca. 0.07 g/m)	25 m
Wires	900976-25	Nickel Wire 0.25 mm diameter/ 99.9+%	(ca. 0.44 g/m)	25 m
Wires	900976-100	Nickel Wire 0.25 mm diameter/ 99.9+%	(ca. 0.44 g/m)	100 m
Wires	903296-100	Nickel Wire 0.5 mm diameter, annealed/ 99+%	(ca. 1.75 g/m)	100 m
Wires	903296-25	Nickel Wire 0.5 mm diameter, annealed/ 99+%	(ca. 1.75 g/m)	25 m
Wires	009292-1	Nickel Wire 0.5 mm diameter/ 99.99%	(ca. 1.75 g/m)	1 m
Wires	009292-5	Nickel Wire 0.5 mm diameter/ 99.99%	(ca. 1.75 g/m)	5 m
Wires	009291-25	Nickel Wire 0.5 mm diameter/ 99+%	(ca. 1.75 g/m)	25 m
Wires	009291-100	Nickel Wire 0.5 mm diameter/ 99+%	(ca. 1.75 g/m)	100 m
Wires	009293-10	Nickel Wire 1.0 mm diameter/ 99+%	(ca. 6.99 g/m)	10 m
Wires	009293-25	Nickel Wire 1.0 mm diameter/ 99+%	(ca. 6.99 g/m)	25 m
Wires	009293-100	Nickel Wire 1.0 mm diameter/ 99+%	(ca. 6.99 g/m)	100 m
Wires	902919-2,5	Nickel Wire 1.0 mm diameter/ 99.98%	(ca. 6.99 g/m)	2,5 m
Wires	902919-10	Nickel Wire 1.0 mm diameter/ 99.98%	(ca. 6.99 g/m)	10 m
Wires	902142-1	Nickel Wire 2.0 mm diameter/ 99.98%	(ca. 28.0 g/m)	1 m
Wires	902142-2,5	Nickel Wire 2.0 mm diameter/ 99.98%	(ca. 28.0 g/m)	2,5 m
Rods	904768-50	Nickel Rod 2.0 mm diameter/ 99.99+%	(ca. 0.28 g/cm)	50 mm
Rods	904768-250	Nickel Rod 2.0 mm diameter/ 99.99+%	(ca. 0.28 g/cm)	250 mm
Rods	904448-100	Nickel Rod 3.0 mm diameter/ 99.9+%	(ca. 0.63 g/cm)	100 mm
Rods	904448-200	Nickel Rod 3.0 mm diameter/ 99.9+%	(ca. 0.63 g/cm)	200 mm
Rods	904442-100	Nickel Rod 3.0 mm diameter/ 99.99+%	(ca. 0.63 g/cm)	100 mm
Rods	904442-200	Nickel Rod 3.0 mm diameter/ 99.99+%	(ca. 0.63 g/cm)	200 mm
Rods	900977-100	Nickel Rod 5.0 mm diameter/ 99.9%	(ca. 1.75 g/cm)	100 mm
Rods	900977-150	Nickel Rod 5.0 mm diameter/ 99.9%	(ca. 1.75 g/cm)	150 mm
Rods	900978-100	Nickel Rod 5.0 mm diameter/ 99.99%	(ca. 1.75 g/cm)	100 mm
Rods	900978-150	Nickel Rod 5.0 mm diameter/ 99.99%	(ca. 1.75 g/cm)	150 mm
Rods	901916-150	Nickel Rod 6.25 mm diameter/ 99.9%	(ca. 2.73 g/cm)	150 mm
Rods	901917-150	Nickel Rod 6.25 mm diameter/ 99.99%	(ca. 2.73 g/cm)	150 mm
Rods	902168-100	Nickel Rod 12.7 mm diameter/ 99.98%	(ca. 8.88 g/cm)	100 mm
Sputtering Targets	905089-25	Nickel Sputtering Target 0.5 mm/ 99.99+%	25 mm diameter	1 piece

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Shape	Product Code	Product Description	Details	Unit
Sputtering Targets	905089-50	Nickel Sputtering Target 0.5 mm/ 99.99+%	50 mm diameter	1 piece
Sputtering Targets	905089-75	Nickel Sputtering Target 0.5 mm/ 99.99+%	75 mm diameter	1 piece
Sputtering Targets	905090-25	Nickel Sputtering Target 1 mm/ 99.99+%	25 mm diameter	1 piece
Sputtering Targets	905090-50	Nickel Sputtering Target 1 mm/ 99.99+%	50 mm diameter	1 piece
Sputtering Targets	905090-75	Nickel Sputtering Target 1 mm/ 99.99+%	75 mm diameter	1 piece
Sputtering Targets	904229-25	Nickel Sputtering Target 2 mm/ 99.98%	25 mm diameter	1 piece
Sputtering Targets	904229-50	Nickel Sputtering Target 2 mm/ 99.98%	50 mm diameter	1 piece
Sputtering Targets	904229-75	Nickel Sputtering Target 2 mm/ 99.98%	75 mm diameter	1 piece
Sputtering Targets	904229-100	Nickel Sputtering Target 2 mm/ 99.98%	100 mm diameter	1 piece
Sputtering Targets	903399-25	Nickel Sputtering Target 3 mm/ 99.9%	25 mm diameter	1 piece
Sputtering Targets	903399-50	Nickel Sputtering Target 3 mm/ 99.9%	50 mm diameter	1 piece
Sputtering Targets	903399-75	Nickel Sputtering Target 3 mm/ 99.9%	75 mm diameter	1 piece
Sputtering Targets	903399-100	Nickel Sputtering Target 3 mm/ 99.9%	100 mm diameter	1 piece
Sputtering Targets	903399-125	Nickel Sputtering Target 3 mm/ 99.9%	125 mm diameter	1 piece
Sputtering Targets	903399-150	Nickel Sputtering Target 3 mm/ 99.9%	150 mm diameter	1 piece
Sputtering Targets	904325-25	Nickel Sputtering Target 3 mm/ 99.99+%	25 mm diameter	1 piece
Sputtering Targets	904325-50	Nickel Sputtering Target 3 mm/ 99.99+%	50 mm diameter	1 piece
Sputtering Targets	904325-75	Nickel Sputtering Target 3 mm/ 99.99+%	75 mm diameter	1 piece
Sputtering Targets	904325-100	Nickel Sputtering Target 3 mm/ 99.99+%	100 mm diameter	1 piece
Sputtering Targets	904325-125	Nickel Sputtering Target 3 mm/ 99.99+%	125 mm diameter	1 piece
Sputtering Targets	904325-150	Nickel Sputtering Target 3 mm/ 99.99+%	150 mm diameter	1 piece
Sputtering Targets	904326-25	Nickel Sputtering Target 6 mm/ 99.9%	25 mm diameter	1 piece
Sputtering Targets	904326-50	Nickel Sputtering Target 6 mm/ 99.9%	50 mm diameter	1 piece
Sputtering Targets	904326-75	Nickel Sputtering Target 6 mm/ 99.9%	75 mm diameter	1 piece
Sputtering Targets	904326-100	Nickel Sputtering Target 6 mm/ 99.9%	100 mm diameter	1 piece
Sputtering Targets	904326-125	Nickel Sputtering Target 6 mm/ 99.9%	125 mm diameter	1 piece
Sputtering Targets	904326-150	Nickel Sputtering Target 6 mm/ 99.9%	150 mm diameter	1 piece
Sputtering Targets	904327-25	Nickel Sputtering Target 6 mm/ 99.99+%	25 mm diameter	1 piece

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Shape	Product Code	Product Description	Details	Unit
Sputtering Targets	904327-50	Nickel Sputtering Target 6 mm/ 99.99+%	50 mm diameter	1 piece
Sputtering Targets	904327-75	Nickel Sputtering Target 6 mm/ 99.99+%	75 mm diameter	1 piece
Sputtering Targets	904327-100	Nickel Sputtering Target 6 mm/ 99.99+%	100 mm diameter	1 piece
Sputtering Targets	904327-125	Nickel Sputtering Target 6 mm/ 99.99+%	125 mm diameter	1 piece
Sputtering Targets	904327-150	Nickel Sputtering Target 6 mm/ 99.99+%	150 mm diameter	1 piece

## Niobium

## Nb [7440-03-1]

Powders	009294-50	Niobium Powder < 65 micron/ 99.9%		50 g
Powders	009294-250	Niobium Powder < 65 micron/ 99.9%		250 g
Powders	009295-50	Niobium Powder 70-180 micron/ 99.9%		50 g
Powders	009295-250	Niobium Powder 70-180 micron/ 99.9%		250 g
Granules	900979-50	Niobium Pellets 6 x 6 mm/ 99.9%		50 g
Granules	009296-50	Niobium Granules 2-10 mm/ 99.9%		50 g
Granules	009296-250	Niobium Granules 2-10 mm/ 99.9%		250 g
Foils	009297-100X200	Niobium Foil 0.025 mm/ 99.9%	(ca. 4.29 g/100 x 200 mm)	100x200 mm
Foils	902630-50X100	Niobium Foil 0.05 mm/ 99.8%	(ca. 2.15 g/50 x 100 mm)	50x100 mm
Foils	902630-100X100	Niobium Foil 0.05 mm/ 99.8%	(ca. 4.29 g/100 x 100 mm)	100x100 mm
Foils	009298-100X200	Niobium Foil 0.1 mm/ 99.9%	(ca. 17.2 g/100 x 200 mm)	100x200 mm
Foils	009298-150X150	Niobium Foil 0.1 mm/ 99.9%	(ca. 19.3 g/150 x 150 mm)	150x150 mm
Foils	009299-100X100	Niobium Foil 0.25 mm/ 99.9%	(ca. 21.5 g/100 x 100 mm)	100x100 mm
Foils	009299-100X200	Niobium Foil 0.25 mm/ 99.9%	(ca. 42.9 g/100 x 200 mm)	100x200 mm
Foils	009300-100X200	Niobium Foil 0.5 mm/ 99.9%	(ca. 85.8 g/100 x 200 mm)	100x200 mm
Foils	902190-100X200	Niobium Sheet 1.0 mm/ 99.8%	(ca. 171.6 g/100 x 200 mm)	100x200 mm
Wires	009301-10	Niobium Wire 0.25 mm diameter/ 99.9%	(ca. 0.42 g/m)	10 m
Wires	009301-25	Niobium Wire 0.25 mm diameter/ 99.9%	(ca. 0.42 g/m)	25 m
Wires	009301-100	Niobium Wire 0.25 mm diameter/ 99.9%	(ca. 0.42 g/m)	100 m
Wires	009302-2,5	Niobium Wire 0.5 mm diameter/ 99.9%	(ca. 1.68 g/m)	2,5 m
Wires	009302-10	Niobium Wire 0.5 mm diameter/ 99.9%	(ca. 1.68 g/m)	10 m
Wires	009302-50	Niobium Wire 0.5 mm diameter/ 99.9%	(ca. 1.68 g/m)	50 m
Wires	009303-5	Niobium Wire 1.0 mm diameter/ 99.9%	(ca. 6.74 g/m)	5 m
Wires	009303-25	Niobium Wire 1.0 mm diameter/ 99.9%	(ca. 6.74 g/m)	25 m
Wires	904040-1	Niobium Wire 2.0 mm diameter/ 99.9%	(ca. 27.0 g/m)	1 m
Wires	904040-5	Niobium Wire 2.0 mm diameter/ 99.9%	(ca. 27.0 g/m)	5 m
Rods	902624-100	Niobium Rod 2.0 mm diameter/ 99.9%	(ca. 0.27 g/cm)	100 mm
Rods	902624-200	Niobium Rod 2.0 mm diameter/ 99.9%	(ca. 0.27 g/cm)	200 mm
Rods	009304-100	Niobium Rod 3.0 mm diameter/ 99.9%	(ca. 0.61 g/cm)	100 mm
Rods	009304-250	Niobium Rod 3.0 mm diameter/ 99.9%	(ca. 0.61 g/cm)	250 mm
Rods	009305-100	Niobium Rod 5.0 mm diameter/ 99.9%	(ca. 1.68 g/cm)	100 mm
Rods	009305-250	Niobium Rod 5.0 mm diameter/ 99.9%	(ca. 1.68 g/cm)	250 mm
Rods	903130-250	Niobium Rod 6 mm diameter/ 99.9%	(ca. 2.43 g/cm)	250 mm
Rods	009306-100	Niobium Rod 10 mm diameter/ 99.9%	(ca. 6.74 g/cm)	100 mm
Rods	903765-100	Niobium Rod 12 mm diameter/ 99.9%	(ca. 9.7 g/cm)	100 mm
Tubes	900079-0,5	Niobium Tube 8.0 mm diameter, 0.4 mm wall thickness/ 99.9%		0,5 m
Tubes	900079-1	Niobium Tube 8.0 mm diameter, 0.4 mm wall thickness/ 99.9%		1 m

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Shape	Product Code	Product Description	Details	Unit
Sputtering Targets	903294-25	Niobium Sputtering Target 3 mm/ 99.9%	25 mm diameter	1 piece
Sputtering Targets	903294-50	Niobium Sputtering Target 3 mm/ 99.9%	50 mm diameter	1 piece
Sputtering Targets	903294-75	Niobium Sputtering Target 3 mm/ 99.9%	75 mm diameter	1 piece
Sputtering Targets	903294-100	Niobium Sputtering Target 3 mm/ 99.9%	100 mm diameter	1 piece
Sputtering Targets	904328-25	Niobium Sputtering Target 6 mm/ 99.9%	25 mm diameter	1 piece
Sputtering Targets	904328-50	Niobium Sputtering Target 6 mm/ 99.9%	50 mm diameter	1 piece
Sputtering Targets	904328-75	Niobium Sputtering Target 6 mm/ 99.9%	75 mm diameter	1 piece
Sputtering Targets	904328-100	Niobium Sputtering Target 6 mm/ 99.9%	100 mm diameter	1 piece

Shape	Product Code	Product Description	Details	Unit
<b>Osmium</b>		<b>Os [7440-04-2]</b>		
Powders	902060-5	Osmium Powder/ 99.9%		5 g

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Shape	Product Code	Product Description	Details	Unit
<b>Palladium</b>		<b>Pd [7440-05-3]</b>		
Nano-powders	CFF-NP078-500	Palladium Nanopowder APS 80 nm/ 99.9%	SSA 40 m <sup>2</sup> /g - black powder	500 mg
Nano-powders	CFF-NP078-1	Palladium Nanopowder APS 80 nm/ 99.9%	SSA 40 m <sup>2</sup> /g - black powder	1 g
Nano-powders	CFF-NP078-2	Palladium Nanopowder APS 80 nm/ 99.9%	SSA 40 m <sup>2</sup> /g - black powder	2 g
Nano-powders	CFF-NP078-5	Palladium Nanopowder APS 80 nm/ 99.9%	SSA 40 m <sup>2</sup> /g - black powder	5 g
Powders	006100-1	Palladium black		1 g
Powders	006100-5	Palladium black		5 g
Powders	009309-1	Palladium Powder 1.2-2.5 micron/ 99.9+%		1 g
Powders	009309-5	Palladium Powder 1.2-2.5 micron/ 99.9+%		5 g
Powders	009310-1	Palladium Powder < 60 micron/ 99.9+%		1 g
Powders	009310-2	Palladium Powder < 60 micron/ 99.9+%		2 g
Powders	009310-10	Palladium Powder < 60 micron/ 99.9+%		10 g
Powders	900229-5	Palladium Sponge/ 99.9+%		5 g
Powders	900229-25	Palladium Sponge/ 99.9+%		25 g
Granules	902169-5	Palladium Granules 1-6 mm (evaporation grade)/ 99.95%		5 g
Granules	902169-10	Palladium Granules 1-6 mm (evaporation grade)/ 99.95%		10 g
Foils	009311-25X25	Palladium Foil 0.025 mm/ 99.9%	(ca. 0.19 g/25 x 25 mm)	25x25 mm
Foils	009311-50X50	Palladium Foil 0.025 mm/ 99.9%	(ca. 0.75 g/50 x 50 mm)	50x50 mm
Foils	901009-25X25	Palladium Foil 0.1 mm/ 99.9%	(ca. 0.75 g/25 x 25 mm)	25x25 mm
Foils	901009-50X50	Palladium Foil 0.1 mm/ 99.9%	(ca. 3.01 g/50 x 50 mm)	50x50 mm
Foils	009312-25X25	Palladium Foil 0.1 mm/ 99.95%	(ca. 0.75 g/25 x 25 mm)	25x25 mm
Foils	009312-50X50	Palladium Foil 0.1 mm/ 99.95%	(ca. 3.01 g/50 x 50 mm)	50x50 mm
Foils	009313-25X25	Palladium Foil 0.25 mm/ 99.9%	(ca. 1.88 g/25 x 25 mm)	25x25 mm
Foils	009313-50X50	Palladium Foil 0.25 mm/ 99.9%	(ca. 7.51 g/50 x 50 mm)	50x50 mm
Foils	009313-100X100	Palladium Foil 0.25 mm/ 99.9%	(ca. 30.05 g/100 x 100 mm)	100x100 mm
Foils	901010-25X25	Palladium Foil 0.5 mm/ 99.9%	(ca. 3.76 g/25 x 25 mm)	25x25 mm
Foils	901010-50X50	Palladium Foil 0.5 mm/ 99.9%	(ca. 15.03 g/50 x 50 mm)	50x50 mm
Foils	009314-25X25	Palladium Foil 0.5 mm/ 99.95%	(ca. 3.76 g/25 x 25 mm)	25x25 mm
Foils	009314-50X50	Palladium Foil 0.5 mm/ 99.95%	(ca. 15.03 g/50 x 50 mm)	50x50 mm
Foils	009315-25X25	Palladium Foil 1.0 mm/ 99.9%	(ca. 7.51 g/25 x 25 mm)	25x25 mm
Foils	009315-50X50	Palladium Foil 1.0 mm/ 99.9%	(ca. 30.05 g/50 x 50 mm)	50x50 mm
Wires	900063-25	Palladium Wire 0.025 mm diameter/ 99.9%	(ca. 0.0059 g/m)	25 m
Wires	901011-5	Palladium Wire 0.1 mm diameter/ 99.9%	(ca. 0.09 g/m)	5 m
Wires	901011-25	Palladium Wire 0.1 mm diameter/ 99.9%	(ca. 0.09 g/m)	25 m
Wires	009316-5	Palladium Wire 0.1 mm diameter/ 99.95%	(ca. 0.09 g/m)	5 m
Wires	009316-25	Palladium Wire 0.1 mm diameter/ 99.95%	(ca. 0.09 g/m)	25 m
Wires	009317-5	Palladium Wire 0.125 mm diameter/ 99.9%	(ca. 0.15 g/m)	5 m
Wires	009317-25	Palladium Wire 0.125 mm diameter/ 99.9%	(ca. 0.15 g/m)	25 m
Wires	009318-1	Palladium Wire 0.25 mm diameter/ 99.9%	(ca. 0.59 g/m)	1 m
Wires	009318-5	Palladium Wire 0.25 mm diameter/ 99.9%	(ca. 0.59 g/m)	5 m
Wires	009319-50	Palladium Wire 0.25 mm diameter/ 99.95%	(ca. 0.59 g/m)	50 cm
Wires	009319-150	Palladium Wire 0.25 mm diameter/ 99.95%	(ca. 0.59 g/m)	150 cm
Wires	009319-5	Palladium Wire 0.25 mm diameter/ 99.95%	(ca. 0.59 g/m)	5 m
Wires	902966-1	Palladium Wire 0.3 mm diameter/ 99.9%	(ca. 0.85 g/m)	1 m

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Shape	Product Code	Product Description	Details	Unit
Wires	901012-10	Palladium Wire 0.5 mm diameter/ 99.9%	(ca. 2.36 g/m)	10 cm
Wires	901012-50	Palladium Wire 0.5 mm diameter/ 99.9%	(ca. 2.36 g/m)	50 cm
Wires	901012-2,5	Palladium Wire 0.5 mm diameter/ 99.9%	(ca. 2.36 g/m)	2,5 m
Wires	009320-10	Palladium Wire 0.5 mm diameter/ 99.95%	(ca. 2.36 g/m)	10 cm
Wires	009320-50	Palladium Wire 0.5 mm diameter/ 99.95%	(ca. 2.36 g/m)	50 cm
Wires	009320-2,5	Palladium Wire 0.5 mm diameter/ 99.95%	(ca. 2.36 g/m)	2,5 m
Wires	009321-10	Palladium Wire 1.0 mm diameter/ 99.9%	(ca. 9.44 g/m)	10 cm
Wires	009321-50	Palladium Wire 1.0 mm diameter/ 99.9%	(ca. 9.44 g/m)	50 cm
Wires	009322-10	Palladium Wire 1.0 mm diameter/ 99.95%	(ca. 9.44 g/m)	10 cm
Wires	009322-50	Palladium Wire 1.0 mm diameter/ 99.95%	(ca. 9.44 g/m)	50 cm
Wires	901013-2	Palladium Wire 2.0 mm/ 99.9%	(ca. 37.8 g/m)	2 cm
Wires	901013-10	Palladium Wire 2.0 mm/ 99.9%	(ca. 37.8 g/m)	10 cm
Wires	901013-50	Palladium Wire 2.0 mm/ 99.9%	(ca. 37.8 g/m)	50 cm
Wires	901013-1	Palladium Wire 2.0 mm/ 99.9%	(ca. 37.8 g/m)	1 m
Rods	903006-25	Palladium Rod 3 mm diameter/ 99.95%	(ca. 0.85 g/cm)	25 mm
Rods	903006-100	Palladium Rod 3 mm diameter/ 99.95%	(ca. 0.85 g/cm)	100 mm
Rods	901286-25	Palladium Rod 6 mm diameter/ 99.95%	(ca. 3.40 g/cm)	25 mm
Rods	901286-50	Palladium Rod 6 mm diameter/ 99.95%	(ca. 3.40 g/cm)	50 mm
Sputtering Targets	904363-50	Palladium Sputtering Target 0.2 mm/ 99.95%	50 mm diameter	1 piece
Sputtering Targets	904363-75	Palladium Sputtering Target 0.2 mm/ 99.95%	75 mm diameter	1 piece
Sputtering Targets	903401-50	Palladium Sputtering Target 0.5 mm/ 99.95%	50 mm diameter	1 piece
Sputtering Targets	903401-75	Palladium Sputtering Target 0.5 mm/ 99.95%	75 mm diameter	1 piece
Sputtering Targets	902436-50	Palladium Sputtering Target 1 mm/ 99.95%	50 mm diameter	1 piece
Sputtering Targets	902436-75	Palladium Sputtering Target 1 mm/ 99.95%	75 mm diameter	1 piece
Sputtering Targets	904365-50	Palladium Sputtering Target 2 mm/ 99.95%	50 mm diameter	1 piece
Sputtering Targets	904365-75	Palladium Sputtering Target 2 mm/ 99.95%	75 mm diameter	1 piece
Sputtering Targets	904366-25	Palladium Sputtering Target 3 mm/ 99.95%	25 mm diameter	1 piece
Sputtering Targets	904366-50	Palladium Sputtering Target 3 mm/ 99.95%	50 mm diameter	1 piece
Sputtering Targets	904366-75	Palladium Sputtering Target 3 mm/ 99.95%	75 mm diameter	1 piece
Sputtering Targets	905091-25	Palladium Sputtering Target 6 mm/ 99.95%	25 mm diameter	1 piece
Sputtering Targets	905091-50	Palladium Sputtering Target 6 mm/ 99.95%	50 mm diameter	1 piece
Sputtering Targets	905091-75	Palladium Sputtering Target 6 mm/ 99.95%	75 mm diameter	1 piece

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Shape	Product Code	Product Description	Details	Unit
<b>Phosphorus</b>		<b>P [7723-14-0]</b>		
Granules	903805-100	Phosphorus Black, pieces <4 mm/ 99.9+%		100 mg
Granules	903805-500	Phosphorus Black, pieces <4 mm/ 99.9+%		500 mg
Granules	009325-10	Phosphorus Red, pieces, under inert gas, Electronic grade/ 99.995%		10 g
Granules	009327-10	Phosphorus Red, pieces, under inert gas, Electronic grade/ 99.999+%		10 g
Granules	009327-25	Phosphorus Red, pieces, under inert gas, Electronic grade/ 99.999+%		25 g
Granules	009327-100	Phosphorus Red, pieces, under inert gas, Electronic grade/ 99.999+%		100 g
Granules	904538-10	Phosphorus Red, pieces 2-5 mm, under inert gas/ 99.9999%		10 g
Granules	904538-25	Phosphorus Red, pieces 2-5 mm, under inert gas/ 99.9999%		25 g
Granules	904538-100	Phosphorus Red, pieces 2-5 mm, under inert gas/ 99.9999%		100 g

<b>Platinum</b>		<b>Pt [7440-06-4]</b>		
Nano-powders	CFF-NP079-100	Platinum Nanopowder APS 100 nm/ 99.9%	SSA 20 m <sup>2</sup> /g - black powder	100 mg
Nano-powders	CFF-NP079-500	Platinum Nanopowder APS 100 nm/ 99.9%	SSA 20 m <sup>2</sup> /g - black powder	500 mg
Nano-powders	CFF-NP079-1	Platinum Nanopowder APS 100 nm/ 99.9%	SSA 20 m <sup>2</sup> /g - black powder	1 g
Powders	006431-500	Platinum black 10-20 m <sup>2</sup> /g		500 mg
Powders	006431-1	Platinum black 10-20 m <sup>2</sup> /g		1 g
Powders	006431-5	Platinum black 10-20 m <sup>2</sup> /g		5 g
Powders	902287-500	Platinum black 20-40 m <sup>2</sup> /g		500 mg
Powders	902287-1	Platinum black 20-40 m <sup>2</sup> /g		1 g
Powders	902287-5	Platinum black 20-40 m <sup>2</sup> /g		5 g
Powders	009329-500	Platinum Powder 0.2-1.8 micron/ 99.95+%		500 mg
Powders	009329-1	Platinum Powder 0.2-1.8 micron/ 99.95+%		1 g
Powders	009329-5	Platinum Powder 0.2-1.8 micron/ 99.95+%		5 g
Powders	009328-500	Platinum Powder < 60 micron/ 99.95%		500 mg
Powders	009328-1	Platinum Powder < 60 micron/ 99.95%		1 g
Powders	009328-5	Platinum Powder < 60 micron/ 99.95%		5 g
Powders	900493-1	Platinum Sponge/ 99.9%		1 g
Powders	900493-2	Platinum Sponge/ 99.9%		2 g
Powders	900493-5	Platinum Sponge/ 99.9%		5 g
Granules	901930-1	Platinum Granules 1-6 mm (evaporation grade)/ 99.99%		1 g
Granules	901930-5	Platinum Granules 1-6 mm (evaporation grade)/ 99.99%		5 g
Granules	901930-10	Platinum Granules 1-6 mm (evaporation grade)/ 99.99%		10 g
Paste	900487-1	Platinum conducting paste for brush application 71% Pt		1 g
Paste	900487-5	Platinum conducting paste for brush application 71% Pt		5 g
Paste	900487-10	Platinum conducting paste for brush application 71% Pt		10 g
Foils	009330-25X25	Platinum Foil 0.025 mm/ 99.9%	(ca. 0.34 g/25 x 25 mm)	25x25 mm



Shape	Product Code	Product Description	Details	Unit
Foils	009330-50X50	Platinum Foil 0.025 mm/ 99.9%	(ca. 1.34 g/50 x 50 mm)	50x50 mm
Foils	009331-25X25	Platinum Foil 0.05 mm/ 99.9%	(ca. 0.67 g/25 x 25 mm)	25x25 mm
Foils	009331-50X50	Platinum Foil 0.05 mm/ 99.9%	(ca. 2.68 g/50 x 50 mm)	50x50 mm
Foils	900560-25X25	Platinum Foil 0.1 mm/ 99.9%	(ca. 1.34 g/25 x 25 mm)	25x25 mm
Foils	900560-50X50	Platinum Foil 0.1 mm/ 99.9%	(ca. 5.36 g/50 x 50 mm)	50x50 mm
Foils	900560-100X100	Platinum Foil 0.1 mm/ 99.9%	(ca. 21.5 g/100 x 100 mm)	100x100 mm
Foils	009332-25X25	Platinum Foil 0.1 mm/ 99.9%	(ca. 1.34 g/25 x 25 mm)	25x25 mm
Foils	009332-50X50	Platinum Foil 0.1 mm/ 99.9%	(ca. 5.36 g/50 x 50 mm)	50x50 mm
Foils	009332-100X100	Platinum Foil 0.1 mm/ 99.9%	(ca. 21.5 g/100 x 100 mm)	100x100 mm
Foils	009333-25X25	Platinum Foil 0.125 mm/ 99.9%	(ca. 1.68 g/25 x 25 mm)	25x25 mm
Foils	009333-50X50	Platinum Foil 0.125 mm/ 99.9%	(ca. 6.70 g/50 x 50 mm)	50x50 mm
Foils	009333-100X100	Platinum Foil 0.125 mm/ 99.9%	(ca. 26.8 g/100 x 100 mm)	100x100 mm
Foils	009334-25X25	Platinum Foil 0.25 mm/ 99.9%	(ca. 3.35 g/25 x 25 mm)	25x25 mm
Foils	009334-50X50	Platinum Foil 0.25 mm/ 99.9%	(ca. 13.4 g/50 x 50 mm)	50x50 mm
Foils	009334-100X100	Platinum Foil 0.25 mm/ 99.9%	(ca. 53.6 g/100 x 100 mm)	100x100 mm
Foils	009335-25X25	Platinum Foil 0.25 mm/ 99.9%	(ca. 3.35 g/25 x 25 mm)	25x25 mm
Foils	009335-50X50	Platinum Foil 0.25 mm/ 99.9%	(ca. 13.4 g/50 x 50 mm)	50x50 mm
Foils	009335-100X100	Platinum Foil 0.25 mm/ 99.9%	(ca. 53.6 g/100 x 100 mm)	100x100 mm
Foils	901014-10X10	Platinum Foil 0.5 mm/ 99.9%	(ca. 1.07 g/10 x 10 mm)	10x10 mm
Foils	901014-25X25	Platinum Foil 0.5 mm/ 99.9%	(ca. 6.70 g/25 x 25 mm)	25x25 mm
Foils	901014-50X50	Platinum Foil 0.5 mm/ 99.9%	(ca. 26.8 g/50 x 50 mm)	50x50 mm
Foils	009336-25X25	Platinum Foil 0.5 mm/ 99.9%	(ca. 6.70 g/25 x 25 mm)	25x25 mm
Foils	009337-25X25	Platinum Foil 0.635 mm/ 99.9%	(ca. 8.51 g/25 x 25 mm)	25x25 mm
Foils	009337-50X50	Platinum Foil 0.635 mm/ 99.9%	(ca. 34.0 g/50 x 50 mm)	50x50 mm
Foils	900404-10X10	Platinum Foil 1.0 mm/ 99.9%	(ca. 2.15 g/10 x 10 mm)	10x10 mm
Foils	900404-25X25	Platinum Foil 1.0 mm/ 99.9%	(ca. 13.4 g/25 x 25 mm)	25x25 mm
Foils	901015-25X25	Platinum Foil 1.0 mm/ 99.9%	(ca. 13.4 g/25 x 25 mm)	25x25 mm
Gauzes	900338-50x50	Platinum Gauze 1024 mesh/cm <sup>2</sup> , 0.06 mm wire diameter/ 99.9%		50x50 mm
Gauzes	900338-100x100	Platinum Gauze 1024 mesh/cm <sup>2</sup> , 0.06 mm wire diameter/ 99.9%		100x100 mm
Gauzes	900311-50x50	Platinum Gauze 3600 mesh/cm <sup>2</sup> , 0.04 mm wire diameter/ 99.9%		50x50 mm
Gauzes	900311-100x100	Platinum Gauze 3600 mesh/cm <sup>2</sup> , 0.04 mm wire diameter/ 99.9%		100x100 mm
Gauzes	901694-50x100	Platinum Gauze 3600 mesh/cm <sup>2</sup> , 0.04 mm wire diameter, stabilized/ 99.9%		50x100 mm
Gauzes	901694-90x90	Platinum Gauze 3600 mesh/cm <sup>2</sup> , 0.04 mm wire diameter, stabilized/ 99.9%		90x90 mm
Wools	900764-1	Platinum Wool, 0.05 mm wire thickness/ 99.9%		1 g
Wools	900764-5	Platinum Wool, 0.05 mm wire thickness/ 99.9%		5 g
Wires	903022-1	Platinum Wire 0.018 mm diameter/ 99.9%	(ca. 0.0055 g/m)	1 m
Wires	903022-2,5	Platinum Wire 0.018 mm diameter/ 99.9%	(ca. 0.0055 g/m)	2,5 m
Wires	902959-1	Platinum Wire 0.02 mm diameter/ 99.9%	(ca. 0.0067 g/m)	1 m
Wires	902959-2,5	Platinum Wire 0.02 mm diameter/ 99.9%	(ca. 0.0067 g/m)	2,5 m
Wires	009339-5	Platinum Wire 0.025 mm diameter/ 99.9%	(ca. 0.011 g/m)	5 m
Wires	009340-1	Platinum Wire 0.05 mm diameter/ 99.9%	(ca. 0.042 g/m)	1 m
Wires	009340-5	Platinum Wire 0.05 mm diameter/ 99.9%	(ca. 0.042 g/m)	5 m
Wires	904242-5	Platinum Wire 0.05 mm diameter/ 99.9%	(ca. 0.042 g/m)	5 m
Wires	904242-10	Platinum Wire 0.05 mm diameter/ 99.9%	(ca. 0.042 g/m)	10 m
Wires	901016-2,5	Platinum Wire 0.1 mm diameter/ 99.9%	(ca. 0.17 g/m)	2,5 m
Wires	901016-10	Platinum Wire 0.1 mm diameter/ 99.9%	(ca. 0.17 g/m)	10 m

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Shape	Product Code	Product Description	Details	Unit
Wires	009341-1	Platinum Wire 0.1 mm diameter/ 99.99%	(ca. 0.17 g/m)	1 m
Wires	009341-5	Platinum Wire 0.1 mm diameter/ 99.99%	(ca. 0.17 g/m)	5 m
Wires	009342-1	Platinum Wire 0.125 mm diameter/ 99.9%	(ca. 0.28 g/m)	1 m
Wires	009342-5	Platinum Wire 0.125 mm diameter/ 99.9%	(ca. 0.28 g/m)	5 m
Wires	900543-25	Platinum Wire 0.2 mm diameter/ 99.9%	(ca. 0.68 g/m)	25 cm
Wires	900543-1	Platinum Wire 0.2 mm diameter/ 99.9%	(ca. 0.68 g/m)	1 m
Wires	900543-2,5	Platinum Wire 0.2 mm diameter/ 99.9%	(ca. 0.68 g/m)	2,5 m
Wires	009343-50	Platinum Wire 0.25 mm diameter/ 99.9%	(ca. 1.05 g/m)	50 cm
Wires	009343-2,5	Platinum Wire 0.25 mm diameter/ 99.9%	(ca. 1.05 g/m)	2,5 m
Wires	009344-25	Platinum Wire 0.25 mm diameter/ 99.99%	(ca. 1.05 g/m)	25 cm
Wires	009344-1	Platinum Wire 0.25 mm diameter/ 99.99%	(ca. 1.05 g/m)	1 m
Wires	900427-25	Platinum Wire 0.3 mm diameter/ 99.9%	(ca. 1.51 g/m)	25 cm
Wires	900427-1	Platinum Wire 0.3 mm diameter/ 99.9%	(ca. 1.51 g/m)	1 m
Wires	903695-25	Platinum Wire 0.3 mm diameter/ 99.99%	(ca. 1.51 g/m)	25 cm
Wires	903695-1	Platinum Wire 0.3 mm diameter/ 99.99%	(ca. 1.51 g/m)	1 m
Wires	902313-10	Platinum Wire 0.4 mm diameter/ 99.9%	(ca. 2.69 g/m)	10 cm
Wires	902313-50	Platinum Wire 0.4 mm diameter/ 99.9%	(ca. 2.69 g/m)	50 cm
Wires	902313-1	Platinum Wire 0.4 mm diameter/ 99.9%	(ca. 2.69 g/m)	1 m
Wires	009345-5	Platinum Wire 0.5 mm diameter/ 99.9%	(ca. 4.21 g/m)	5 cm
Wires	009345-10	Platinum Wire 0.5 mm diameter/ 99.9%	(ca. 4.21 g/m)	10 cm
Wires	009345-25	Platinum Wire 0.5 mm diameter/ 99.9%	(ca. 4.21 g/m)	25 cm
Wires	009345-1	Platinum Wire 0.5 mm diameter/ 99.9%	(ca. 4.21 g/m)	1 m
Wires	009346-5	Platinum Wire 0.5 mm diameter/ 99.99% (cutted as 3 x 17 mm)	(ca. 4.21 g/m)	5 cm
Wires	009346-10	Platinum Wire 0.5 mm diameter/ 99.99%	(ca. 4.21 g/m)	10 cm
Wires	009346-50	Platinum Wire 0.5 mm diameter/ 99.99%	(ca. 4.21 g/m)	50 cm
Wires	009346-1	Platinum Wire 0.5 mm diameter/ 99.99%	(ca. 4.21 g/m)	1 m
Wires	903052-5	Platinum Wire 0.6 mm diameter/ 99.9%	(ca. 6.06 g/m)	5 cm
Wires	903052-10	Platinum Wire 0.6 mm diameter/ 99.9%	(ca. 6.06 g/m)	10 cm
Wires	903052-25	Platinum Wire 0.6 mm diameter/ 99.9%	(ca. 6.06 g/m)	25 cm
Wires	903052-1	Platinum Wire 0.6 mm diameter/ 99.9%	(ca. 6.06 g/m)	1 m
Wires	905079-5	Platinum Wire 0.6 mm diameter/ 99.99%	(ca. 6.06 g/m)	5 cm
Wires	905079-10	Platinum Wire 0.6 mm diameter/ 99.99%	(ca. 6.06 g/m)	10 cm
Wires	905079-25	Platinum Wire 0.6 mm diameter/ 99.99%	(ca. 6.06 g/m)	25 cm
Wires	905079-1	Platinum Wire 0.6 mm diameter/ 99.99%	(ca. 6.06 g/m)	1 m
Wires	009347-5	Platinum Wire 0.7 mm diameter/ 99.9%	(ca. 8.25 g/m)	5 cm
Wires	009347-10	Platinum Wire 0.7 mm diameter/ 99.9%	(ca. 8.25 g/m)	10 cm
Wires	009347-25	Platinum Wire 0.7 mm diameter/ 99.9%	(ca. 8.25 g/m)	25 cm
Wires	009347-50	Platinum Wire 0.7 mm diameter/ 99.9%	(ca. 8.25 g/m)	50 cm
Wires	009348-5	Platinum Wire 0.8 mm diameter/ 99.9%	(ca. 10.8 g/m)	5 cm
Wires	009348-10	Platinum Wire 0.8 mm diameter/ 99.9%	(ca. 10.8 g/m)	10 cm
Wires	009348-25	Platinum Wire 0.8 mm diameter/ 99.9%	(ca. 10.8 g/m)	25 cm
Wires	009348-50	Platinum Wire 0.8 mm diameter/ 99.9%	(ca. 10.8 g/m)	50 cm
Wires	009349-5	Platinum Wire 1.0 mm diameter/ 99.9%	(ca. 16.8 g/m)	5 cm
Wires	009349-10	Platinum Wire 1.0 mm diameter/ 99.9%	(ca. 16.8 g/m)	10 cm
Wires	009349-25	Platinum Wire 1.0 mm diameter/ 99.9%	(ca. 16.8 g/m)	25 cm
Wires	009349-50	Platinum Wire 1.0 mm diameter/ 99.9%	(ca. 16.8 g/m)	50 cm
Wires	009350-2	Platinum Wire 1.0 mm diameter/ 99.99%	(ca. 16.8 g/m)	2 cm
Wires	009350-5	Platinum Wire 1.0 mm diameter/ 99.99%	(ca. 16.8 g/m)	5 cm
Wires	009350-10	Platinum Wire 1.0 mm diameter/ 99.99%	(ca. 16.8 g/m)	10 cm
Wires	009350-25	Platinum Wire 1.0 mm diameter/ 99.99%	(ca. 16.8 g/m)	25 cm

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Shape	Product Code	Product Description	Details	Unit
Wires	009351-1	Platinum Wire 2.0 mm diameter/ 99.9%	(ca. 67.3 g/m)	1 cm
Wires	009351-5	Platinum Wire 2.0 mm diameter/ 99.9%	(ca. 67.3 g/m)	5 cm
Wires	901017-1	Platinum Wire 2.0 mm diameter/ 99.99%	(ca. 67.3 g/m)	1 cm
Wires	901017-5	Platinum Wire 2.0 mm diameter/ 99.99%	(ca. 67.3 g/m)	5 cm
Sputtering Targets	904367-25	Platinum Sputtering Target 0.2 mm/ 99.95%	25 mm diameter	1 piece
Sputtering Targets	904367-50	Platinum Sputtering Target 0.2 mm/ 99.95%	50 mm diameter	1 piece
Sputtering Targets	904367-75	Platinum Sputtering Target 0.2 mm/ 99.95%	75 mm diameter	1 piece
Sputtering Targets	904367-100	Platinum Sputtering Target 0.2 mm/ 99.95%	100 mm diameter	1 piece
Sputtering Targets	900495-25	Platinum Sputtering Target 0.5 mm/ 99.95%	25 mm diameter	1 piece
Sputtering Targets	900495-50	Platinum Sputtering Target 0.5 mm/ 99.95%	50 mm diameter	1 piece
Sputtering Targets	900495-75	Platinum Sputtering Target 0.5 mm/ 99.95%	75 mm diameter	1 piece
Sputtering Targets	900495-100	Platinum Sputtering Target 0.5 mm/ 99.95%	100 mm diameter	1 piece
Sputtering Targets	904368-25	Platinum Sputtering Target 1 mm/ 99.95%	25 mm diameter	1 piece
Sputtering Targets	904368-50	Platinum Sputtering Target 1 mm/ 99.95%	50 mm diameter	1 piece
Sputtering Targets	904368-75	Platinum Sputtering Target 1 mm/ 99.95%	75 mm diameter	1 piece
Sputtering Targets	904368-100	Platinum Sputtering Target 1 mm/ 99.95%	100 mm diameter	1 piece
Sputtering Targets	904369-25	Platinum Sputtering Target 2 mm/ 99.95%	25 mm diameter	1 piece
Sputtering Targets	904369-50	Platinum Sputtering Target 2 mm/ 99.95%	50 mm diameter	1 piece
Sputtering Targets	904369-75	Platinum Sputtering Target 2 mm/ 99.95%	75 mm diameter	1 piece
Sputtering Targets	904369-100	Platinum Sputtering Target 2 mm/ 99.95%	100 mm diameter	1 piece
Sputtering Targets	904370-25	Platinum Sputtering Target 3 mm/ 99.95%	25 mm diameter	1 piece
Sputtering Targets	904370-50	Platinum Sputtering Target 3 mm/ 99.95%	50 mm diameter	1 piece
Sputtering Targets	904370-75	Platinum Sputtering Target 3 mm/ 99.95%	75 mm diameter	1 piece

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Shape	Product Code	Product Description	Details	Unit
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## Potassium

### K [7440-09-7]

Ingots	009353-1	Potassium Ingot, in glass under argon/ 99.95%		1 g
Ingots	009353-5	Potassium Ingot, in glass under argon/ 99.95%		5 g
Ingots	009353-25	Potassium Ingot, in glass under argon/ 99.95%		25 g

## Praseodymium

### Pr [7440-10-0]

Powders	009354-5	Praseodymium Powder/ 99.9% (REO)		5 g
Powders	009354-25	Praseodymium Powder/ 99.9% (REO)		25 g
Granules	009355-10	Praseodymium Chips/ 99.9% (REO)		10 g
Granules	009355-50	Praseodymium Chips/ 99.9% (REO)		50 g
Granules	009356-10	Praseodymium Pieces/ 99.9% (REO)		10 g
Granules	009356-50	Praseodymium Pieces/ 99.9% (REO)		50 g
Foils	009357-25X50	Praseodymium Foil 0.25 mm/ 99.9% (REO)	(ca. 2.02 g/25 x 50 mm)	25x50 mm
Rods	903721-25	Praseodymium Rod 5 mm diameter/ 99.9% (REO)	(ca. 1.27 g/cm)	25 cm

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Shape	Product Code	Product Description	Details	Unit
<b>Rhenium</b>		<b>Re [7440-15-5]</b>		
Powders	009359-5	Rhenium Powder < 10 micron/ 99.99%		5 g
Powders	009359-25	Rhenium Powder < 10 micron/ 99.99%		25 g
Powders	009358-5	Rhenium Powder < 10 micron/ 99+%		5 g
Powders	009358-25	Rhenium Powder < 10 micron/ 99+%		25 g
Granules	904994-25	Rhenium Pellets Dia appr. 10 mm/ 99.9%		25 g
Granules	904994-100	Rhenium Pellets Dia appr. 10 mm/ 99.9%		100 g
Granules	903135-1	Rhenium Pellets ca. 8 x 17 mm/ 99.9%		1 piece
Foils	902059-25X25	Rhenium Foil 0.025 mm/ 99.97%	(ca. 0.33 g/25 x 25 mm)	25x25 mm
Foils	902059-50X50	Rhenium Foil 0.025 mm/ 99.97%	(ca. 1.32 g/50 x 50 mm)	50x50 mm
Foils	902047-25X25	Rhenium Foil 0.05 mm/ 99.97%	(ca. 0.66 g/25 x 25 mm)	25x25 mm
Foils	009360-25X25	Rhenium Foil 0.1 mm/ 99.9+%	(ca. 1.32 g/25 x 25 mm)	25x25 mm
Foils	009360-50X50	Rhenium Foil 0.1 mm/ 99.9+%	(ca. 5.26 g/50 x 50 mm)	50x50 mm
Foils	902387-25X25	Rhenium Foil 0.125 mm/ 99.97%	(ca. 1.64 g/25 x 25 mm)	25x25 mm
Foils	009361-25X25	Rhenium Foil 0.25 mm/ 99.97%	(ca. 3.29 g/25 x 25 mm)	25x25 mm
Wires	900770-0,5	Rhenium Wire 0.25 mm diameter/ 99.99%	(ca. 1.03 g/m)	0,5 m
Wires	900770-1	Rhenium Wire 0.25 mm diameter/ 99.99%	(ca. 1.03 g/m)	1 m
Rods	901904-100	Rhenium Rod, annealed 2 mm/ 99.97%	(ca. 0.66 g/cm)	100 mm
Sputtering Targets	904352-25	Rhenium Sputtering Target 3 mm/ 99.99%	25 mm diameter	1 piece
Sputtering Targets	904352-50	Rhenium Sputtering Target 3 mm/ 99.99%	50 mm diameter	1 piece
Sputtering Targets	904352-75	Rhenium Sputtering Target 3 mm/ 99.99%	75 mm diameter	1 piece

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Shape	Product Code	Product Description	Details	Unit
<b>Rhodium</b>		<b>Rh [7440-16-6]</b>		
Powders	006756-0,5	Rhodium black/ 99.9%		0,5 g
Powders	009362-1	Rhodium Powder/ 99.9%		1 g
Powders	009362-5	Rhodium Powder/ 99.9%		5 g
Powders	902083-2	Rhodium Sponge/ 99.9%		2 g
Powders	902083-5	Rhodium Sponge/ 99.9%		5 g
Powders	902083-1	Rhodium Sponge/ 99.9%		1 g
Granules	903150-5	Rhodium Granules 1-5 mm/ 99.9%		5 g
Granules	903150-1	Rhodium Granules 1-5 mm/ 99.9%		1 g
Foils	904833-30X30	Rhodium Foil 0.03 mm/ 99.9%	(ca. 0.33 g/30 x 30 mm)	30x30 mm
Foils	009363-25X25	Rhodium Foil 0.05 mm/ 99.9%	(ca. 0.39 g/25 x 25 mm)	25x25 mm
Foils	009363-50X50	Rhodium Foil 0.05 mm/ 99.9%	(ca. 1.55 g/50 x 50 mm)	50x50 mm
Foils	009364-25X25	Rhodium Foil 0.125 mm/ 99.9%	(ca. 0.97 g/25 x 25 mm)	25x25 mm
Foils	009365-25X25	Rhodium Foil 0.25 mm/ 99.9%	(ca. 1.94 g/25 x 25 mm)	25x25 mm
Foils	009365-50X50	Rhodium Foil 0.25 mm/ 99.9%	(ca. 7.76 g/25 x 25 mm)	50x50 mm
Wires	009366-1	Rhodium Wire 0.125 mm diameter/ 99.9%	(ca. 0.15 g/m)	1 m
Wires	009366-10	Rhodium Wire 0.125 mm diameter/ 99.9%	(ca. 0.15 g/m)	10 cm
Wires	009366-25	Rhodium Wire 0.125 mm diameter/ 99.9%	(ca. 0.15 g/m)	25 cm
Wires	009366-5	Rhodium Wire 0.125 mm diameter/ 99.9%	(ca. 0.15 g/m)	5 m
Wires	009367-5	Rhodium Wire 0.25 mm diameter/ 99.9%	(ca. 0.61 g/m)	5 cm
Wires	009367-25	Rhodium Wire 0.25 mm diameter/ 99.9%	(ca. 0.61 g/m)	25 cm
Wires	009367-1	Rhodium Wire 0.25 mm diameter/ 99.9%	(ca. 0.61 g/m)	1 m
Wires	009368-2	Rhodium Wire 0.5 mm diameter/ 99.9%	(ca. 2.44 g/m)	2 cm
Wires	009368-10	Rhodium Wire 0.5 mm diameter/ 99.9%	(ca. 2.44 g/m)	10 cm
Wires	009368-25	Rhodium Wire 0.5 mm diameter/ 99.9%	(ca. 2.44 g/m)	25 cm
Wires	009369-1	Rhodium Wire 1.0 mm diameter/ 99.9%	(ca. 9.74 g/m)	1 cm
Wires	009369-5	Rhodium Wire 1.0 mm diameter/ 99.9%	(ca. 9.74 g/m)	5 cm
Wires	009369-25	Rhodium Wire 1.0 mm diameter/ 99.9%	(ca. 9.74 g/m)	25 cm
Sputtering Targets	905098-50	Rhodium Sputtering Target 0.2 mm/ 99.99%	50 mm diameter	1 piece

<b>Rubidium</b>		<b>Rb [7440-17-7]</b>		
Ingots	009370-1	Rubidium Metal, ampouled/ 98.5+%		1 g
Ingots	009370-5	Rubidium Metal, ampouled/ 98.5+%		5 g
Ingots	009370-10	Rubidium Metal, ampouled/ 98.5+%		10 g
Ingots	009371-1	Rubidium Metal, ampouled/ 99.5+%		1 g
Ingots	009371-5	Rubidium Metal, ampouled/ 99.5+%		5 g
Ingots	009371-10	Rubidium Metal, ampouled/ 99.5+%		10 g
Ingots	901933-1	Rubidium Metal in breakseal ampoule/ 99.5+%		1 g
Ingots	901933-5	Rubidium Metal in breakseal ampoule/ 99.5+%		5 g
Ingots	901933-10	Rubidium Metal in breakseal ampoule/ 99.5+%		10 g

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Shape	Product Code	Product Description	Details	Unit
<b>Ruthenium</b>		<b>Ru [7440-18-8]</b>		
Powders	006782-2	Ruthenium black		2 g
Powders	009373-2	Ruthenium Powder < 60 micron/ 99.9%		2 g
Powders	009373-10	Ruthenium Powder < 60 micron/ 99.9%		10 g
Powders	009373-25	Ruthenium Powder < 60 micron/ 99.9%		25 g
Powders	904898-2	Ruthenium Powder -200 mesh/ 99.8+%		2 g
Powders	904898-10	Ruthenium Powder -200 mesh/ 99.8+%		10 g
Powders	904898-25	Ruthenium Powder -200 mesh/ 99.8+%		25 g
Powders	901695-5	Ruthenium Sponge/ 99.95%		5 g
Powders	901695-25	Ruthenium Sponge/ 99.95%		25 g
Granules	903521-3-4	Ruthenium Pieces, cut from plate/ sintered 80-85 % density/ sold as weighted/ 99.9%		3-4 g
Sputtering Targets	904371-25	Ruthenium Sputtering Target 0.5 mm/ 99.9%	25 mm diameter	1 piece
Sputtering Targets	904371-50	Ruthenium Sputtering Target 0.5 mm/ 99.9%	50 mm diameter	1 piece
Sputtering Targets	904371-75	Ruthenium Sputtering Target 0.5 mm/ 99.9%	75 mm diameter	1 piece
Sputtering Targets	904372-25	Ruthenium Sputtering Target 1 mm/ 99.9%	25 mm diameter	1 piece
Sputtering Targets	904372-50	Ruthenium Sputtering Target 1 mm/ 99.9%	50 mm diameter	1 piece
Sputtering Targets	904372-75	Ruthenium Sputtering Target 1 mm/ 99.9%	75 mm diameter	1 piece
Sputtering Targets	904373-25	Ruthenium Sputtering Target 2 mm/ 99.9%	25 mm diameter	1 piece
Sputtering Targets	904373-50	Ruthenium Sputtering Target 2 mm/ 99.9%	50 mm diameter	1 piece
Sputtering Targets	904373-75	Ruthenium Sputtering Target 2 mm/ 99.9%	75 mm diameter	1 piece
Sputtering Targets	904374-25	Ruthenium Sputtering Target 3 mm/ 99.9%	25 mm diameter	1 piece
Sputtering Targets	904374-50	Ruthenium Sputtering Target 3 mm/ 99.9%	50 mm diameter	1 piece
Sputtering Targets	904374-75	Ruthenium Sputtering Target 3 mm/ 99.9%	75 mm diameter	1 piece

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Shape	Product Code	Product Description	Details	Unit
<b>Samarium</b>		<b>Sm [7440-19-9]</b>		
Powders	009374-10	Samarium Powder/ 99.9% (REO)		10 g
Powders	009374-50	Samarium Powder/ 99.9% (REO)		50 g
Granules	009375-25	Samarium Chips/ 99.9% (REO)		25 g
Granules	009375-100	Samarium Chips/ 99.9% (REO)		100 g
Granules	009376-25	Samarium Pieces/ 99.9% (REO)		25 g
Granules	009376-100	Samarium Pieces/ 99.9% (REO)		100 g
Granules	903065-10	Samarium Pieces distilled/ 99.99% (REO)		10 g
Granules	903065-25	Samarium Pieces distilled/ 99.99% (REO)		25 g
Foils	900568-25X25	Samarium Foil 0.127 mm/ 99.9% (REO)	(ca. 0.60 g/25 x 25 mm)	25x25 mm
Foils	901018-25X50	Samarium Foil 0.25 mm/ 99.9% (REO)	(ca. 2.36 g/25 x 50 mm)	25x50 mm
Wires	903723-25	Samarium Wire 3 mm/ 99.9% (REO)	(ca. 53.3 g/m)	25 cm
Wires	903723-50	Samarium Wire 3 mm/ 99.9% (REO)	(ca. 53.3 g/m)	50 cm
Powders	009377-1	Scandium Powder -100 mesh/ 99.9% (REO)		1 g
Powders	009377-5	Scandium Powder -100 mesh/ 99.9% (REO)		5 g
Granules	009378-1	Scandium Pieces/ 99.9% (REO)		1 g
Granules	009378-5	Scandium Pieces/ 99.9% (REO)		5 g
Granules	009379-1	Scandium Pieces, distilled/ 99.99% (REO)		1 g
Granules	009379-5	Scandium Pieces, distilled/ 99.99% (REO)		5 g

**Selenium****Se [7782-49-2]**

Powders	009380-100	Selenium Powder -325 mesh/ 99.6%		100 g
Powders	009380-500	Selenium Powder -325 mesh/ 99.6%		500 g
Powders	901988-100	Selenium Powder -200 mesh/ 99.8%		100 g
Powders	901988-500	Selenium Powder -200 mesh/ 99.8%		500 g
Powders	901988-1	Selenium Powder -200 mesh/ 99.8%		1 kg
Powders	901684-50	Selenium Powder -160 mesh/ 99.99+%		50 g
Granules	901019-250	Selenium Granules 2-4 mm/ 99.99%		250 g
Granules	901019-1	Selenium Granules 2-4 mm/ 99.99%		1 kg
Granules	009382-100	Selenium Granules 2-4 mm/ 99.999%		100 g
Granules	009382-250	Selenium Granules 2-4 mm/ 99.999%		250 g
Granules	009382-1	Selenium Granules 2-4 mm/ 99.999%		1 kg



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Shape	Product Code	Product Description	Details	Unit
<b>Silicon</b>		<b>Si [7440-21-3]</b>		
Nano-powders	CFF-NP080-5	Silicon Nanopowder APS <100 nm/ 99+%	SSA 80 m <sup>2</sup> /g - spherical, yellow or brown powder partially passivated	5 g
Nano-powders	CFF-NP080-10	Silicon Nanopowder APS <100 nm/ 99+%	SSA 80 m <sup>2</sup> /g - spherical, yellow or brown powder partially passivated	10 g
Nano-powders	CFF-NP080-25	Silicon Nanopowder APS <100 nm/ 99+%	SSA 80 m <sup>2</sup> /g - spherical, yellow or brown powder partially passivated	25 g
Nano-powders	CFF-NP080-100	Silicon Nanopowder APS <100 nm/ 99+%	SSA 80 m <sup>2</sup> /g - spherical, yellow or brown powder partially passivated	100 g
Powders	903036-10	Silicon Powder -100, +325 mesh, amorphous/ 99.999%		10 g
Powders	903036-50	Silicon Powder -100, +325 mesh, amorphous/ 99.999%		50 g
Powders	903036-250	Silicon Powder -100, +325 mesh, amorphous/ 99.999%		250 g
Powders	009383-250	Silicon Powder < 160 micron/ 98.5+%		250 g
Powders	009383-1	Silicon Powder < 160 micron/ 98.5+%		1 kg
Granules	009384-100	Silicon Pieces < 6 mm/ 99.9%		100 g
Granules	009384-500	Silicon Pieces < 6 mm/ 99.9%		500 g
Granules	009385-50	Silicon Pieces < 6 mm/ 99.99%		50 g
Granules	009385-250	Silicon Pieces < 6 mm/ 99.99%		250 g
Granules	009386-100	Silicon Pieces < 10 mm/ 99.99%		100 g
Granules	009386-250	Silicon Pieces < 10 mm/ 99.99%		250 g
Granules	009387-100	Silicon Pieces, polycrystalline/ 99.999%		100 g
Granules	009387-500	Silicon Pieces, polycrystalline/ 99.999%		500 g
Foils	905018-50X50	Silicon Foil 0.5 mm/ 99.999%	(ca. 2.91 g/50 x 50 mm)	50x50 mm
Foils	905019-50X50	Silicon Foil 1 mm/ 99.999%	(ca. 5.83 g/50 x 50 mm)	50x50 mm
Rods	905020-50	Silicon Rod Dia 1 mm/ 99.999%	(ca. 1.83 g/m)	50 mm
Rods	904765-50	Silicon Rod Dia 1.5 mm/ 99.999%	(ca. 4.12 g/m)	50 mm
Rods	905021-50	Silicon Rod Dia 3 mm/ 99.999%	(ca. 16.5 g/m)	50 mm
Rods	905022-50	Silicon Rod Dia 5 mm/ 99.999%	(ca. 45.7 g/m)	50 mm
Rods	905023-50	Silicon Rod Dia 6 mm/ 99.999%	(ca. 65.9 g/m)	50 mm
Sputtering Targets	902389-1	Silicon Disc 0.625 mm/ 99.999%	125 mm diameter	1 piece
Sputtering Targets	904329-25	Silicon Sputtering Target 3.2 mm/ 99.999%	25.4 mm diameter	1 piece
Sputtering Targets	904329-50	Silicon Sputtering Target 3.2 mm/ 99.999%	50.8 mm diameter	1 piece
Sputtering Targets	904329-75	Silicon Sputtering Target 3.2 mm/ 99.999%	76.2 mm diameter	1 piece
Sputtering Targets	904329-100	Silicon Sputtering Target 3.2 mm/ 99.999%	101.6 mm diameter	1 piece
Sputtering Targets	904330-25	Silicon Sputtering Target 6.3 mm/ 99.999%	25.4 mm diameter	1 piece
Sputtering Targets	904330-50	Silicon Sputtering Target 6.3 mm/ 99.999%	50.8 mm diameter	1 piece
Sputtering Targets	904330-75	Silicon Sputtering Target 6.3 mm/ 99.999%	76.2 mm diameter	1 piece
Sputtering Targets	904330-100	Silicon Sputtering Target 6.3 mm/ 99.999%	101.6 mm diameter	1 piece

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Shape	Product Code	Product Description	Details	Unit
<b>Silver</b>		<b>Ag [7440-22-4]</b>		
Nano-powders	CFF-NP082-5	Silver Nanopowder APS 20 nm, coated with fatty acids/ 99+%	SSA 15-20 m <sup>2</sup> /g - spherical, greenish	5 g
Nano-powders	CFF-NP082-10	Silver Nanopowder APS 20 nm, coated with fatty acids/ 99+%	SSA 15-20 m <sup>2</sup> /g - spherical, greenish	10 g
Nano-powders	CFF-NP082-25	Silver Nanopowder APS 20 nm, coated with fatty acids/ 99+%	SSA 15-20 m <sup>2</sup> /g - spherical, greenish	25 g
Nano-powders	CFF-NP082-100	Silver Nanopowder APS 20 nm, coated with fatty acids/ 99+%	SSA 15-20 m <sup>2</sup> /g - spherical, greenish	100 g
Nano-powders	CFF-NP083-5	Silver Nanopowder APS 35 nm/ 99.5%	SSA 20-30 m <sup>2</sup> /g - spherical, grey powder	5 g
Nano-powders	CFF-NP083-10	Silver Nanopowder APS 35 nm/ 99.5%	SSA 20-30 m <sup>2</sup> /g - spherical, grey powder	10 g
Nano-powders	CFF-NP083-25	Silver Nanopowder APS 35 nm/ 99.5%	SSA 20-30 m <sup>2</sup> /g - spherical, grey powder	25 g
Nano-powders	CFF-NP083-100	Silver Nanopowder APS 35 nm/ 99.5%	SSA 20-30 m <sup>2</sup> /g - spherical, grey powder	100 g
Nano-powders	CFF-NP084-5	Silver Nanopowder APS 50-60 nm/ 99.9%	SSA ~12 m <sup>2</sup> /g - spherical, black powder	5 g
Nano-powders	CFF-NP084-10	Silver Nanopowder APS 50-60 nm/ 99.9%	SSA ~12 m <sup>2</sup> /g - spherical, black powder	10 g
Nano-powders	CFF-NP084-25	Silver Nanopowder APS 50-60 nm/ 99.9%	SSA ~12 m <sup>2</sup> /g - spherical, black powder	25 g
Nano-powders	CFF-NP084-100	Silver Nanopowder APS 50-60 nm/ 99.9%	SSA ~12 m <sup>2</sup> /g - spherical, black powder	100 g
Nanopow.	CFF-NP081-5	Silver Nanopowder APS ~150 nm/ 99.95%	nearly spherical, grey powder	5 g
Nanopow.	CFF-NP081-10	Silver Nanopowder APS ~150 nm/ 99.95%	nearly spherical, grey powder	10 g
Nanopow.	CFF-NP081-25	Silver Nanopowder APS ~150 nm/ 99.95%	nearly spherical, grey powder	25 g
Nanopow.	CFF-NP081-100	Silver Nanopowder APS ~150 nm/ 99.95%	nearly spherical, grey powder	100 g
Powders	009388-10	Silver Powder 0.7-1.2 micron/ 99.9%		10 g
Powders	009388-25	Silver Powder 0.7-1.2 micron/ 99.9%		25 g
Powders	009388-100	Silver Powder 0.7-1.2 micron/ 99.9%		100 g
Powders	009389-10	Silver Powder 1.5-2.5 micron/ 99.9%		10 g
Powders	009389-25	Silver Powder 1.5-2.5 micron/ 99.9%		25 g
Powders	009389-100	Silver Powder 1.5-2.5 micron/ 99.9%		100 g
Powders	900036-50	Silver Powder, lamellar < 20 micron	Ash residue 99.5+%	50 g
Powders	900036-100	Silver Powder, lamellar < 20 micron	Ash residue 99.5+%	100 g
Powders	900036-250	Silver Powder, lamellar < 20 micron	Ag	250 g
Powders	903751-25	Silver Powder, crystalline 0.15-0.35 mm/ 99.99%		25 g
Powders	903751-100	Silver Powder, crystalline 0.15-0.35 mm/ 99.99%		100 g
Powders	903798-10	Silver Powder, crystalline 0.5-1 mm/ 99.99%		10 g
Powders	903798-25	Silver Powder, crystalline 0.5-1 mm/ 99.99%		25 g
Powders	903798-100	Silver Powder, crystalline 0.5-1 mm/ 99.99%		100 g
Powders	902659-10	Silver Needles/ 99.999%		10 g
Powders	902659-25	Silver Needles/ 99.999%		25 g
Granules	905165-10	Silver Granules 0.1-4 mm/99.99%		10 g
Granules	905165-25	Silver Granules 0.1-4 mm/99.99%		25 g
Granules	905165-100	Silver Granules 0.1-4 mm/99.99%		100 g
Granules	900934-50	Silver Granules 2-8 mm/ 99.9+%		50 g
Granules	900934-100	Silver Granules 2-8 mm/ 99.9+%		100 g
Granules	900934-250	Silver Granules 2-8 mm/ 99.9+%		250 g
Granules	903528-100	Silver Pellets 6 x 6 mm/ 99.9%		100 g

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Shape	Product Code	Product Description	Details	Unit
Granules	904416-10	Silver Granules appr. 2x10x10 mm/ 99.999% (metals basis)		10 g
Granules	904416-50	Silver Granules appr. 2x10x10 mm/ 99.999% (metals basis)		50 g
Paste	901880-10	Silver conducting fluid		10 g
Paste	901880-25	Silver conducting fluid		25 g
Foils	901798-100X100	Silver Foil 0.0125 mm/ 99.9+%,	(ca. 1.31 g/100 x 100 mm)	100x100 mm
Foils	009390-50X50	Silver Foil 0.025 mm/ 99.99%	(ca. 0.66 g/50 x 50 mm)	50x50 mm
Foils	009390-50X100	Silver Foil 0.025 mm/ 99.99%	(ca. 1.31 g/50 x 100 mm)	50x100 mm
Foils	009390-100X100	Silver Foil 0.025 mm/ 99.99%	(ca. 2.63 g/100 x 100 mm)	100x100 mm
Foils	009390-200X200	Silver Foil 0.025 mm/ 99.99%	(ca. 5.25 g/100 x 200 mm)	200x200 mm
Foils	902385-50X50	Silver Foil 0.05 mm/ 99.95%	(ca. 1.31 g/50 x 50 mm)	50x50 mm
Foils	902385-100X100	Silver Foil 0.05 mm/ 99.95%	(ca. 5.25 g/100 x 100 mm)	100x100 mm
Foils	904355-50X50	Silver Foil 0.05 mm/ 99.999%	(ca. 1.31 g/50 x 50 mm)	50x50 mm
Foils	009391-150X150	Silver Foil 0.075 mm/ 99.95+%	(ca. 17.7 g/150 x 150 mm)	150x150 mm
Foils	009391-50X50	Silver Foil 0.075 mm/ 99.999%	(ca. 1.97 g/50 x 50 mm)	50x50 mm
Foils	904256-50X50	Silver Foil 0.1 mm/ 99.99%	(ca. 2.63 g/50 x 50 mm)	50x50 mm
Foils	904256-150X150	Silver Foil 0.1 mm/ 99.99%	(ca. 23.6 g/150 x 150 mm)	150x150 mm
Foils	009392-50X50	Silver Foil 0.1 mm/ 99.995%	(ca. 2.63 g/50 x 50 mm)	50x50 mm
Foils	009392-100X100	Silver Foil 0.1 mm/ 99.995%	(ca. 10.5 g/100 x 100 mm)	100x100 mm
Foils	009393-50X50	Silver Foil 0.125 mm/ 99.9%	(ca. 3.28 g/50 x 50 mm)	50x50 mm
Foils	009393-100X100	Silver Foil 0.125 mm/ 99.9%	(ca. 13.12 g/100 x 100 mm)	100x100 mm
Foils	009393-100X200	Silver Foil 0.125 mm/ 99.9%	(ca. 26.3 g/100 x 200 mm)	100x200 mm
Foils	904395-50X50	Silver Foil 0.125 mm/ 99.99%	(ca. 3.28 g/50 x 50 mm)	50x50 mm
Foils	904395-100X100	Silver Foil 0.125 mm/ 99.99%	(ca. 13.12 g/100 x 100 mm)	100x100 mm
Foils	009394-50X50	Silver Foil 0.25 mm/ 99.9%	(ca. 6.56 g/50 x 50 mm)	50x50 mm
Foils	009394-50X100	Silver Foil 0.25 mm/ 99.9%	(ca. 13.12 g/50 x 100 mm)	50x100 mm
Foils	009394-100X100	Silver Foil 0.25 mm/ 99.9%	(ca. 26.25 g/100 x 100 mm)	100x100 mm
Foils	009394-100X200	Silver Foil 0.25 mm/ 99.9%	(ca. 52.50 g/100 x 200 mm)	100x200 mm
Foils	009395-25X25	Silver Foil 0.25 mm/ 99.995%	(ca. 1.64 g/25 x 25 mm)	25x25 mm
Foils	009395-25X100	Silver Foil 0.25 mm/ 99.995%	(ca. 6.56 g/25 x 100 mm)	25x100 mm
Foils	901037-25X25	Silver Foil 0.5 mm/ 99.9%	(ca. 3.28 g/25 x 25 mm)	25x25 mm
Foils	901037-50X50	Silver Foil 0.5 mm/ 99.9%	(ca. 13.12 g/50 x 50 mm)	50x50 mm
Foils	901037-100X100	Silver Foil 0.5 mm/ 99.9%	(ca. 52.5 g/100 x 100 mm)	100x100 mm
Foils	009396-50X50	Silver Foil 0.5 mm/ 99.995%	(ca. 13.12 g/50 x 50 mm)	50x50 mm
Foils	009397-25X25	Silver Foil 1.0 mm/ 99.9%	(ca. 6.56 g/25 x 25 mm)	25x25 mm
Foils	009397-50X50	Silver Foil 1.0 mm/ 99.9%	(ca. 13.12 g/50 x 50 mm)	50x50 mm
Foils	009397-100X100	Silver Foil 1.0 mm/ 99.9%	(ca. 52.5 g/100 x 100 mm)	100x100 mm
Foils	009398-25X25	Silver Foil 1.0 mm/ 99.995%	(ca. 6.56 g/25 x 25 mm)	25x25 mm
Foils	009398-50X50	Silver Foil 1.0 mm/ 99.995%	(ca. 13.12 g/50 x 50 mm)	50x50 mm
Foils	009399-25X25	Silver Foil 2.0 mm/ 99.9%	(ca. 13.12 g/25 x 25 mm)	25x25 mm
Foils	009399-50X50	Silver Foil 2.0 mm/ 99.9%	(ca. 52.5 g/50 x 50 mm)	50x50 mm
Foils	009400-25X25	Silver Foil 2.0 mm/ 99.995%	(ca. 13.12 g/25 x 25 mm)	25x25 mm
Gauzes	900082-50x50	Silver Gauze 1024 mesh/cm <sup>2</sup> , 0.12 mm wire diameter/ 99.9%	(ca. 8 g/100 x 100 mm)	50x50 mm
Gauzes	900082-100x100	Silver Gauze 1024 mesh/cm <sup>2</sup> , 0.12 mm wire diameter/ 99.9%	(ca. 8 g/100 x 100 mm)	100x100 mm
Wools	900814-50	Silver Wool 0.05 mm wire thickness/ 99.9%		50 g
Wires	009401-25	Silver Wire 0.025 mm diameter/ 99.95+%	(ca. 0.0052 g/m)	25 m
Wires	009401-100	Silver Wire 0.025 mm diameter/ 99.95+%	(ca. 0.0052 g/m)	100 m
Wires	902165-50	Silver Wire 0.1 mm diameter/ 99.9%	(ca. 0.083 g/m)	50 m
Wires	009402-10	Silver Wire 0.1 mm diameter/ 99.995%	(ca. 0.083 g/m)	10 m
Wires	009402-50	Silver Wire 0.1 mm diameter/ 99.995%	(ca. 0.083 g/m)	50 m

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Shape	Product Code	Product Description	Details	Unit
Wires	009403-10	Silver Wire 0.125 mm diameter/ 99.9%	(ca. 0.13 g/m)	10 m
Wires	009403-50	Silver Wire 0.125 mm diameter/ 99.9%	(ca. 0.13 g/m)	50 m
Wires	009404-25	Silver Wire 0.25 mm diameter/ 99.9%	(ca. 0.52 g/m)	25 m
Wires	009404-100	Silver Wire 0.25 mm diameter/ 99.9%	(ca. 0.52 g/m)	100 m
Wires	009405-2	Silver Wire 0.25 mm diameter/ 99.995%	(ca. 0.52 g/m)	2 m
Wires	009405-10	Silver Wire 0.25 mm diameter/ 99.995%	(ca. 0.52 g/m)	10 m
Wires	901644-1	Silver Wire 0.5 mm diameter / 99.999%	(ca. 2.06 g/m)	1 m
Wires	901644-5	Silver Wire 0.5 mm diameter / 99.999%	(ca. 2.06 g/m)	5 m
Wires	009406-5	Silver Wire 0.5 mm diameter/ 99.9%	(ca. 2.06 g/m)	5 m
Wires	009406-25	Silver Wire 0.5 mm diameter/ 99.9%	(ca. 2.06 g/m)	25 m
Wires	902382-5	Silver Wire 0.7 mm diameter/ 99.9%	(ca. 4.04 g/m)	5 m
Wires	903380-1	Silver Wire 0.8 mm diameter/ 99.97%	(ca. 5.28 g/m)	1 m
Wires	903380-5	Silver Wire 0.8 mm diameter/ 99.97%	(ca. 5.28 g/m)	5 m
Wires	009407-2	Silver Wire 1.0 mm diameter/ 99.9%	(ca. 8.25 g/m)	2 m
Wires	009407-10	Silver Wire 1.0 mm diameter/ 99.9%	(ca. 8.25 g/m)	10 m
Wires	901237-1	Silver Wire 1.0 mm diameter/ 99.99%	(ca. 8.25 g/m)	1 m
Wires	901237-5	Silver Wire 1.0 mm diameter/ 99.99%	(ca. 8.25 g/m)	5 m
Wires	901722-1	Silver Wire 1.0 mm diameter/ 99.999%	(ca. 8.25 g/m)	1 m
Wires	901722-2,5	Silver Wire 1.0 mm diameter/ 99.999%	(ca. 8.25 g/m)	2,5 m
Wires	903489-2,5	Silver Wire 1.7 mm diameter/ 99.9%	(ca. 23.8 g/m)	2,5 m
Wires	009408-50	Silver Wire 2.0 mm diameter/ 99.9%	(ca. 33.0 g/m)	50 cm
Wires	009408-2,5	Silver Wire 2.0 mm diameter/ 99.9%	(ca. 33.0 g/m)	2,5 m
Wires	009409-25	Silver Wire 2.0 mm diameter/ 99.995%	(ca. 33.0 g/m)	25 cm
Wires	009409-1	Silver Wire 2.0 mm diameter/ 99.995%	(ca. 33.0 g/m)	1 m
Wires	900935-50	Silver Wire 2.5 mm diameter/ 99.9%	(ca. 51.5 g/m)	50 cm
Wires	900935-2,5	Silver Wire 2.5 mm diameter/ 99.9%	(ca. 51.5 g/m)	2,5 m
Rods	901038-100	Silver Rod 4.0 mm diameter/ 99.9%	(ca. 1.32 g/cm)	100 mm
Rods	904203-100	Silver Rod 4.0 mm diameter/ 99.99%	(ca. 1.32 g/cm)	100 mm
Rods	901236-200	Silver Rod 5.0 mm diameter/ 99.9%	(ca. 2.06 g/cm)	200 mm
Rods	900838-150	Silver Rod 5.0 mm diameter/ 99.99%	(ca. 2.06 g/cm)	150 mm
Rods	009410-25	Silver Rod 7.0 mm diameter/ 99.995%	(ca. 4.04 g/cm)	25 mm
Rods	009410-100	Silver Rod 7.0 mm diameter/ 99.995%	(ca. 4.04 g/cm)	100 mm
Rods	902391-200	Silver Rod 8.0 mm diameter/ 99.9%	(ca. 5.28 g/cm)	200 mm
Rods	900887-50	Silver Rod 10.0 mm diameter/ 99.9%	(ca. 8.25 g/cm)	50 mm
Rods	900887-100	Silver Rod 10.0 mm diameter/ 99.9%	(ca. 8.25 g/cm)	100 mm
Rods	900887-200	Silver Rod 10.0 mm diameter/ 99.9%	(ca. 8.25 g/cm)	200 mm
Rods	901039-50	Silver Rod 10.0 mm diameter/ 99.99%	(ca. 8.25 g/cm)	50 mm
Rods	901039-100	Silver Rod 10.0 mm diameter/ 99.99%	(ca. 8.25 g/cm)	100 mm
Rods	009411-25	Silver Rod 12.5 mm diameter/ 99.9%	(ca. 12.89 g/cm)	25 g
Rods	009411-100	Silver Rod 12.5 mm diameter/ 99.9%	(ca. 12.89 g/cm)	100 g
Rods	009412-25	Silver Rod 12.7 mm diameter/ 99.995%	(ca. 13.30 g/cm)	25 g
Rods	009412-100	Silver Rod 12.7 mm diameter/ 99.995%	(ca. 13.30 g/cm)	100 g
Tubes	900781-300	Silver Tube 12.0 mm diameter, 1.0 mm wall thickness/ 99.9%		300 mm
Sputtering Targets	904375-25	Silver Sputtering Target 0.2 mm/ 99.99%	25 mm diameter	1 piece
Sputtering Targets	904375-50	Silver Sputtering Target 0.2 mm/ 99.99%	50 mm diameter	1 piece
Sputtering Targets	904375-75	Silver Sputtering Target 0.2 mm/ 99.99%	75 mm diameter	1 piece
Sputtering Targets	904375-100	Silver Sputtering Target 0.2 mm/ 99.99%	100 mm diameter	1 piece

Shape	Product Code	Product Description	Details	Unit
Sputtering Targets	904376-25	Silver Sputtering Target 0.5 mm/ 99.99%	25 mm diameter	1 piece
Sputtering Targets	904376-50	Silver Sputtering Target 0.5 mm/ 99.99%	50 mm diameter	1 piece
Sputtering Targets	904376-75	Silver Sputtering Target 0.5 mm/ 99.99%	75 mm diameter	1 piece
Sputtering Targets	904376-100	Silver Sputtering Target 0.5 mm/ 99.99%	100 mm diameter	1 piece
Sputtering Targets	904377-25	Silver Sputtering Target 1 mm/ 99.99%	25 mm diameter	1 piece
Sputtering Targets	904377-50	Silver Sputtering Target 1 mm/ 99.99%	50 mm diameter	1 piece
Sputtering Targets	904377-75	Silver Sputtering Target 1 mm/ 99.99%	75 mm diameter	1 piece
Sputtering Targets	904377-100	Silver Sputtering Target 1 mm/ 99.99%	100 mm diameter	1 piece
Sputtering Targets	904378-25	Silver Sputtering Target 2 mm/ 99.99%	25 mm diameter	1 piece
Sputtering Targets	904378-50	Silver Sputtering Target 2 mm/ 99.99%	50 mm diameter	1 piece
Sputtering Targets	904378-75	Silver Sputtering Target 2 mm/ 99.99%	75 mm diameter	1 piece
Sputtering Targets	904378-100	Silver Sputtering Target 2 mm/ 99.99%	100 mm diameter	1 piece
Sputtering Targets	905092-25	Silver Sputtering Target 3 mm/ 99.99%	25 mm diameter	1 piece
Sputtering Targets	905092-50	Silver Sputtering Target 3 mm/ 99.99%	50 mm diameter	1 piece
Sputtering Targets	905092-75	Silver Sputtering Target 3 mm/ 99.99%	75 mm diameter	1 piece
Sputtering Targets	905092-100	Silver Sputtering Target 3 mm/ 99.99%	100 mm diameter	1 piece
Sputtering Targets	905092-25	Silver Sputtering Target 3 mm/ 99.999%	25 mm diameter	1 piece
Sputtering Targets	905092-50	Silver Sputtering Target 3 mm/ 99.999%	50 mm diameter	1 piece
Sputtering Targets	905092-75	Silver Sputtering Target 3 mm/ 99.999%	75 mm diameter	1 piece
Sputtering Targets	905092-100	Silver Sputtering Target 3 mm/ 99.999%	100 mm diameter	1 piece
Sputtering Targets	904380-25	Silver Sputtering Target 6 mm/ 99.99%	25 mm diameter	1 piece
Sputtering Targets	904380-50	Silver Sputtering Target 6 mm/ 99.99%	50 mm diameter	1 piece
Sputtering Targets	904380-75	Silver Sputtering Target 6 mm/ 99.99%	75 mm diameter	1 piece
Sputtering Targets	904380-100	Silver Sputtering Target 6 mm/ 99.99%	100 mm diameter	1 piece
Sputtering Targets	905093-25	Silver Sputtering Target 6 mm/ 99.999%	25 mm diameter	1 piece
Sputtering Targets	905093-50	Silver Sputtering Target 6 mm/ 99.999%	50 mm diameter	1 piece
Sputtering Targets	905093-75	Silver Sputtering Target 6 mm/ 99.999%	75 mm diameter	1 piece
Sputtering Targets	905093-100	Silver Sputtering Target 6 mm/ 99.999%	100 mm diameter	1 piece

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Shape	Product Code	Product Description	Details	Unit
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## Sodium

### Na [7440-23-5]

Granules	901123-50	Sodium Pieces, 3-12 mm, under oil/ 99.95%		50 g
Granules	901123-100	Sodium Pieces, 3-12 mm, under oil/ 99.95%		100 g
Ingots	902192-5	Sodium Ingot, ampouled/ 99.9%		5 g
Ingots	902192-50	Sodium Ingot, ampouled/ 99.9%		50 g

## Strontium

### Sr [7440-24-6]

Granules	009416-50	Strontium Pieces < 20 mm, under argon, coated with oil, Ba < 1%/ 99%		50 g
Granules	009416-100	Strontium Pieces < 20 mm, under argon, coated with oil, Ba < 1%/ 99%		100 g
Granules	901991-25	Strontium Pieces < 8 mm, under oil/ 99.2+%		25 g

## Sulfur

### S [7704-34-9]

Powders	009418-500	Sulfur Powder < 40 micron/ 99+%		500 g
Granules	009419-25	Sulfur Pieces < 12 mm/ 99.99%		25 g
Granules	009419-100	Sulfur Pieces < 12 mm/ 99.99%		100 g
Granules	009420-25	Sulfur Pieces < 12 mm/ 99.999%		25 g
Granules	009420-100	Sulfur Pieces < 12 mm/ 99.999%		100 g

Z Y X W V U T S R Q P O N M L K J I H G F E D C B A

Shape	Product Code	Product Description	Details	Unit
<b>Tantalum</b>		<b>Ta [7440-25-7]</b>		
Nano-powders	CFF-NP086-5	Tantalum Nanopowder APS 50-80 nm/ 99.9%	light grey powder	5 g
Nano-powders	CFF-NP086-10	Tantalum Nanopowder APS 50-80 nm/ 99.9%	light grey powder	10 g
Nano-powders	CFF-NP086-25	Tantalum Nanopowder APS 50-80 nm/ 99.9%	light grey powder	25 g
Nano-powders	CFF-NP086-50	Tantalum Nanopowder APS 50-80 nm/ 99.9%	light grey powder	50 g
Powders	905083-10	Tantalum Powder < 45 micron/ 99.9%		10 g
Powders	905083-25	Tantalum Powder < 45 micron/ 99.9%		25 g
Powders	905083-100	Tantalum Powder < 45 micron/ 99.9%		100 g
Powders	009421-25	Tantalum Powder < 100 micron/ 99.9%		25 g
Powders	009421-50	Tantalum Powder < 100 micron/ 99.9%		50 g
Powders	009421-250	Tantalum Powder < 100 micron/ 99.9%		250 g
Granules	904882-10	Tantalum Pellets <3 mm diameter/ 99.9%		10 g
Granules	904882-25	Tantalum Pellets <3 mm diameter/ 99.9%		25 g
Granules	904882-100	Tantalum Pellets <3 mm diameter/ 99.9%		100 g
Granules	009423-25	Tantalum Pellets 5-12 mm diameter/ 99.9%		25 g
Granules	009423-50	Tantalum Pellets 5-12 mm diameter/ 99.9%		50 g
Granules	009423-250	Tantalum Pellets 5-12 mm diameter/ 99.9%		250 g
Granules	009422-25	Tantalum Pellets 6 x 6 mm/ 99.9%		25 g
Granules	009422-100	Tantalum Pellets 6 x 6 mm/ 99.9%		100 g
Foils	009424-50X50	Tantalum Foil 0.025 mm/ 99.9%	(ca. 1.04 g/50 x 50 mm)	50x50 mm
Foils	009424-50X100	Tantalum Foil 0.025 mm/ 99.9%	(ca. 2.08 g/50 x 100 mm)	50x100 mm
Foils	009424-100X100	Tantalum Foil 0.025 mm/ 99.9%	(ca. 4.16 g/100 x 100 mm)	100x100 mm
Foils	009424-150X150	Tantalum Foil 0.025 mm/ 99.9%	(ca. 9.37 g/150 x 150 mm)	150x150 mm
Foils	900785-50X50	Tantalum Foil 0.05 mm/ 99.9%	(ca. 2.08 g/50 x 50 mm)	50x50 mm
Foils	900785-100X100	Tantalum Foil 0.05 mm/ 99.9%	(ca. 8.33 g/100 x 100 mm)	100x100 mm
Foils	900785-150X150	Tantalum Foil 0.05 mm/ 99.9%	(ca. 18.7 g/150 x 150 mm)	150x150 mm
Foils	009425-50X50	Tantalum Foil 0.1 mm/ 99.9%	(ca. 4.16 g/50 x 50 mm)	50x50 mm
Foils	009425-100X200	Tantalum Foil 0.1 mm/ 99.9%	(ca. 33.3 g/100 x 200 mm)	100x200 mm
Foils	009425-100X100	Tantalum Foil 0.1 mm/ 99.9%	(ca. 16.7 g/100 x 100 mm)	100x100 mm
Foils	009425-50X200	Tantalum Foil 0.1 mm/ 99.9%	(ca. 16.7 g/50 x 200 mm)	50x200 mm
Foils	009425-70X200	Tantalum Foil 0.1 mm/ 99.9%	(ca. 23.3 g/70 x 200 mm)	70x200 mm
Foils	904354-100X200	Tantalum Foil 0.2 mm, blank/ 99.9%	(ca. 66.6 g/100 x 200 mm)	100x200 mm
Foils	009426-50X50	Tantalum Foil 0.25 mm/ 99.9%	(ca. 10.4 g/50 x 50 mm)	50x50 mm
Foils	009426-100X100	Tantalum Foil 0.25 mm/ 99.9%	(ca. 41.6 g/100 x 100 mm)	100x100 mm
Foils	009426-100X200	Tantalum Foil 0.25 mm/ 99.9%	(ca. 83.3 g/100 x 200 mm)	100x200 mm
Foils	009427-25X25	Tantalum Foil 0.5 mm/ 99.9%	(ca. 5.20 g/25 x 25 mm)	25x25 mm
Foils	009427-50X50	Tantalum Foil 0.5 mm/ 99.9%	(ca. 20.8 g/50 x 50 mm)	50x50 mm
Foils	009427-100X100	Tantalum Foil 0.5 mm/ 99.9%	(ca. 83.3 g/100 x 100 mm)	100x100 mm
Foils	009427-100X200	Tantalum Foil 0.5 mm/ 99.9%	(ca. 166.5 g/100 x 200 mm)	100x200 mm
Foils	904970-50X50	Tantalum Foil 0.5 mm/ 99.9%	(ca. 20.8 g/50 x 50 mm)	50x50 mm
Foils	904970-100X100	Tantalum Foil 0.5 mm/ 99.9%	(ca. 83.3 g/100 x 100 mm)	100x100 mm
Foils	904971-50X50	Tantalum Foil 0.5 mm/ 99.999%	(ca. 20.8 g/50 x 50 mm)	50x50 mm
Foils	904971-100X100	Tantalum Foil 0.5 mm/ 99.999%	(ca. 83.3 g/100 x 100 mm)	100x100 mm
Foils	902962-50X50	Tantalum Foil 0.7 mm/ 99.9%	(ca. 29.1 g/50 x 50 mm)	50x50 mm
Foils	902962-50X100	Tantalum Foil 0.7 mm/ 99.9%	(ca. 58.3 g/50 x 100 mm)	50x100 mm
Foils	902962-100X100	Tantalum Foil 0.7 mm/ 99.9%	(ca. 116.6 g/100 x 100 mm)	100x100 mm

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Shape	Product Code	Product Description	Details	Unit
Foils	009428-50X100	Tantalum Foil 1.0 mm/ 99.9+%	(ca. 83.2 g/50 x 100 mm)	50x100 mm
Foils	009428-100X100	Tantalum Foil 1.0 mm/ 99.9+%	(ca. 166.5 g/100 x 100 mm)	100x100 mm
Foils	904972-50X50	Tantalum Foil 1.0 mm/ 99.99+%	(ca. 41.6 g/50 x 50 mm)	50x50 mm
Foils	904972-100X100	Tantalum Foil 1.0 mm/ 99.99+%	(ca. 166.5 g/100 x 100 mm)	100x100 mm
Foils	904973-50X50	Tantalum Foil 1.0 mm/ 99.999%	(ca. 41.6 g/50 x 50 mm)	50x50 mm
Foils	904973-100X100	Tantalum Foil 1.0 mm/ 99.999%	(ca. 166.5 g/100 x 100 mm)	100x100 mm
Foils	900788-25X50	Tantalum Foil 2.0 mm/ 99.9%	(ca. 41.6 g/25 x 50 mm)	25x50 mm
Foils	900788-50X50	Tantalum Foil 2.0 mm/ 99.9%	(ca. 83.3 g/50 x 50 mm)	50x50 mm
Foils	904974-50X50	Tantalum Sheet 2 mm/ 99.99+%	(ca. 83.3 g/50 x 50 mm)	50x50 mm
Foils	904975-50X50	Tantalum Sheet 5 mm/ 99.9%	(ca. 208 g/50 x 50 mm)	50x50 mm
Foils	904976-50X50	Tantalum Sheet 5 mm/ 99.99+%	(ca. 208.43 g/50 x 50 mm)	50x50 mm
Wires	009429-10	Tantalum Wire 0.1 mm diameter/ 99.9+%	(ca. 0.13 g/m)	10 m
Wires	009429-50	Tantalum Wire 0.1 mm diameter/ 99.9+%	(ca. 0.13 g/m)	50 m
Wires	009430-10	Tantalum Wire 0.25 mm diameter/ 99.9+%	(ca. 0.82 g/m)	10 m
Wires	009430-50	Tantalum Wire 0.25 mm diameter/ 99.9+%	(ca. 0.82 g/m)	50 m
Wires	009431-5	Tantalum Wire 0.5 mm diameter/ 99.9+%	(ca. 3.27 g/m)	5 m
Wires	009431-25	Tantalum Wire 0.5 mm diameter/ 99.9+%	(ca. 3.27 g/m)	25 m
Wires	901868-2	Tantalum Wire 0.8 mm diameter/ 99.9+%	(ca. 8.37 g/m)	2 m
Wires	901868-10	Tantalum Wire 0.8 mm diameter/ 99.9+%	(ca. 8.37 g/m)	10 m
Wires	009432-2	Tantalum Wire 1.0 mm diameter/ 99.9+%	(ca. 13.07 g/m)	2 m
Wires	009432-10	Tantalum Wire 1.0 mm diameter/ 99.9+%	(ca. 13.07 g/m)	10 m
Wires	902233-1	Tantalum Wire 1.5 mm diameter/ 99.9+%	(ca. 29.4 g/m)	1 m
Wires	902233-2,5	Tantalum Wire 1.5 mm diameter/ 99.9+%	(ca. 29.4 g/m)	2,5 m
Wires	009433-50	Tantalum Wire 2.0 mm diameter/ 99.9+%	(ca. 52.3 g/m)	50 cm
Wires	009433-2,5	Tantalum Wire 2.0 mm diameter/ 99.9+%	(ca. 52.3 g/m)	2,5 m
Wires	902401-10	Tantalum Wire 3 mm diameter/ 99.9+%	(ca. 117.7 g/m)	10 cm
Wires	902401-50	Tantalum Wire 3 mm diameter/ 99.9+%	(ca. 117.7 g/m)	50 cm
Rods	904977-100	Tantalum Rod 3 mm diameter/ 99.99+%	(ca. 1.18 g/cm)	100 mm
Rods	009434-100	Tantalum Rod 5 mm diameter/ 99.9+%	(ca. 3.27 g/cm)	100 mm
Rods	904978-100	Tantalum Rod 5 mm diameter/ 99.99+%	(ca. 3.27 g/cm)	100 mm
Rods	903811-100	Tantalum Rod 6 mm diameter/ 99.9+%	(ca. 4.71 g/cm)	100 mm
Rods	904979-100	Tantalum Rod 6 mm diameter/ 99.99+%	(ca. 4.71 g/cm)	100 mm
Rods	009435-50	Tantalum Rod 10 mm diameter/ 99.9+%	(ca. 13.1 g/cm)	50 mm
Tubes	900157-0,5	Tantalum Tube 8.0 mm diameter, 0.4 mm wall thickness/ 99.9%		0,5 m
Tubes	900157-1	Tantalum Tube 8.0 mm diameter, 0.4 mm wall thickness/ 99.9%		1 m
Sputtering Targets	904331-25	Tantalum Sputtering Target 3 mm/ 99.9%	25 mm diameter	1 piece
Sputtering Targets	904331-50	Tantalum Sputtering Target 3 mm/ 99.9%	50 mm diameter	1 piece
Sputtering Targets	904331-75	Tantalum Sputtering Target 3 mm/ 99.9%	75 mm diameter	1 piece
Sputtering Targets	904331-100	Tantalum Sputtering Target 3 mm/ 99.9%	100 mm diameter	1 piece
Sputtering Targets	904332-25	Tantalum Sputtering Target 6 mm/ 99.9%	25 mm diameter	1 piece
Sputtering Targets	904332-50	Tantalum Sputtering Target 6 mm/ 99.9%	50 mm diameter	1 piece
Sputtering Targets	904332-75	Tantalum Sputtering Target 6 mm/ 99.9%	75 mm diameter	1 piece
Sputtering Targets	904332-100	Tantalum Sputtering Target 6 mm/ 99.9%	100 mm diameter	1 piece



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Shape	Product Code	Product Description	Details	Unit
<b>Tellurium</b>		<b>Te [13494-80-9]</b>		
Powders	009436-100	Tellurium Powder -200 mesh/ 99.8+%		100 g
Powders	009437-25	Tellurium Powder -30 mesh/ 99.99%		25 g
Powders	009437-100	Tellurium Powder -30 mesh/ 99.99%		100 g
Powders	009438-25	Tellurium Powder < 250 micron/ 99.999%		25 g
Powders	009438-100	Tellurium Powder < 250 micron/ 99.999%		100 g
Granules	009440-25	Tellurium Pieces, low oxygen/ 99.999%		25 g
Granules	009440-100	Tellurium Pieces, low oxygen/ 99.999%		100 g
Granules	009440-250	Tellurium Pieces, low oxygen/ 99.999%		250 g
Granules	009441-25	Tellurium Pieces, zone refined/ 99.9999%		25 g
Granules	009441-100	Tellurium Pieces, zone refined/ 99.9999%		100 g
Granules	904649-POR	Tellurium, broken Pieces/ 99.99999%		on request
Ingots	009442-100	Tellurium Bar, zone refined/ 99.9999%		100 g

<b>Terbium</b>		<b>Tb [7440-27-9]</b>		
Powders	009444-1	Terbium Powder/ 99.9% (REO)		1 g
Powders	009444-5	Terbium Powder/ 99.9% (REO)		5 g
Granules	009445-1	Terbium Chips/ 99.9% (REO)		1 g
Granules	009445-5	Terbium Chips/ 99.9% (REO)		5 g
Granules	009446-2	Terbium Pieces/ 99.9% (REO)		2 g
Granules	009446-10	Terbium Pieces/ 99.9% (REO)		10 g
Granules	903068-5	Terbium Pieces distilled/ 99.99% (REO)		5 g
Granules	903068-10	Terbium Pieces distilled/ 99.99% (REO)		10 g
Foils	901020-25X50	Terbium Foil 0.25 mm/ 99.9% (REO)	(ca. 2.58 g/25 x 50 mm)	25x50 mm
Wires	903726-10	Terbium Wire 1 mm diameter/ 99.9% (REO)	(ca. 6.48 g/m)	10 cm

<b>Thallium</b>		<b>Tl [7440-28-0]</b>		
Granules	009447-25	Thallium Granules 1-5 mm, under water/ 99.9%		25 g
Granules	009447-100	Thallium Granules 1-5 mm, under water/ 99.9%		100 g
Rods	009449-250	Thallium Rod 8 x 250 mm, under water/ 99.999%	(ca. 149 g / 250 mm)	250 mm
Rods	903251-150	Thallium Rod 12.7 x 150 mm, under water/ 99.999%	(ca. 225 g / 150 mm)	150 mm

<b>Thulium</b>		<b>Tm [7440-30-4]</b>		
Powders	009450-1	Thulium Powder/ 99.9% (REO)		1 g
Powders	009450-5	Thulium Powder/ 99.9% (REO)		5 g
Granules	009451-1	Thulium Chips/ 99.9% (REO)		1 g
Granules	009451-5	Thulium Chips/ 99.9% (REO)		5 g
Granules	009452-1	Thulium Pieces/ 99.9% (REO)		1 g
Granules	009452-5	Thulium Pieces/ 99.9% (REO)		5 g
Granules	903072-5	Thulium Pieces distilled/ 99.99% (REO)		5 g
Granules	903072-10	Thulium Pieces distilled/ 99.99% (REO)		10 g

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Shape	Product Code	Product Description	Details	Unit
<b>Tin</b>		<b>Sn [7440-31-5]</b>		
Nano-powders	CFF-NP087-5	Tin Nanopowder APS <100 nm/ 99.7%	SSA ~7 m <sup>2</sup> /g - spherical, black powder	5 g
Nano-powders	CFF-NP087-10	Tin Nanopowder APS <100 nm/ 99.7%	SSA ~7 m <sup>2</sup> /g - spherical, black powder	10 g
Nano-powders	CFF-NP087-25	Tin Nanopowder APS <100 nm/ 99.7%	SSA ~7 m <sup>2</sup> /g - spherical, black powder	25 g
Nano-powders	CFF-NP087-100	Tin Nanopowder APS <100 nm/ 99.7%	SSA ~7 m <sup>2</sup> /g - spherical, black powder	100 g
Nano-powders	CFF-NP087-250	Tin Nanopowder APS <100 nm/ 99.7%	SSA ~7 m <sup>2</sup> /g - spherical, black powder	250 g
Powders	009453-250	Tin Powder < 100 micron/ 99+%		250 g
Powders	009453-1	Tin Powder < 100 micron/ 99+%		1 kg
Powders	009454-10	Tin Powder -100 mesh/ 99.995%		10 g
Powders	009454-25	Tin Powder -100 mesh/ 99.995%		25 g
Powders	009454-100	Tin Powder -100 mesh/ 99.995%		100 g
Granules	009455-50	Tin Granules 2-4 mm/ 99.99%		50 g
Granules	009455-250	Tin Granules 2-4 mm/ 99.99%		250 g
Granules	009456-25	Tin Granules 2-4 mm/ 99.999%		25 g
Granules	009456-50	Tin Granules 2-4 mm/ 99.999%		50 g
Granules	009456-250	Tin Granules 2-4 mm/ 99.999%		250 g
Granules	009457-5	Tin Granules 3 mm/ 99.9999%		5 g
Granules	009457-25	Tin Granules 3 mm/ 99.9999%		25 g
Granules	009457-100	Tin Granules 3 mm/ 99.9999%		100 g
Granules	903998-100	Tin Pellets 6 x 6 mm/ 99.95%		100 g
Ingots	009465-50	Tin Bar/ 99.999%		50 g
Ingots	009465-250	Tin Bar/ 99.999%		250 g
Foils	904029-100X100	Tin Foil 0.125 mm/ 99.99+%	(ca. 9.11 g/100 x 100 mm)	100x100 mm
Foils	009458-50X50	Tin Foil 0.25 mm/ 99.99%	(ca. 4.56 g/50 x 50 mm)	50x50 mm
Foils	009458-100X100	Tin Foil 0.25 mm/ 99.99%	(ca. 18.2 g/100 x 100 mm)	100x100 mm
Foils	009458-100X200	Tin Foil 0.25 mm/ 99.99%	(ca. 36.5 g/100 x 200 mm)	100x200 mm
Foils	905029-50X50	Tin Foil 0.25 mm/ 99.999%	(ca. 4.56 g/50 x 50 mm)	50x50 mm
Foils	905029-100X100	Tin Foil 0.25 mm/ 99.999%	(ca. 18.2 g/100 x 100 mm)	100x100 mm
Foils	901072-100X100	Tin Foil 0.5 mm/ 99.8%	(ca. 36.5 g/100 x 100 mm)	100x100 mm
Foils	901072-150X150	Tin Foil 0.5 mm/ 99.8%	(ca. 82 g/150 x 150 mm)	150x150 mm
Foils	009459-50X50	Tin Foil 0.5 mm/ 99.99%	(ca. 9.11 g/50 x 50 mm)	50x50 mm
Foils	009459-100X100	Tin Foil 0.5 mm/ 99.99%	(ca. 36.5 g/100 x 100 mm)	100x100 mm
Foils	009459-100X200	Tin Foil 0.5 mm/ 99.99%	(ca. 72.9 g/100 x 200 mm)	100x200 mm
Foils	905030-50X50	Tin Foil 0.5 mm/ 99.999%	(ca. 9.11 g/50 x 50 mm)	50x50 mm
Foils	905030-100X100	Tin Foil 0.5 mm/ 99.999%	(ca. 36.5 g/100 x 100 mm)	100x100 mm
Foils	009460-50X50	Tin Foil 1.0 mm/ 99.99%	(ca. 18.2 g/50 x 50 mm)	50x50 mm
Foils	009460-100X100	Tin Foil 1.0 mm/ 99.99%	(ca. 72.9 g/100 x 100 mm)	100x100 mm
Foils	009460-100X200	Tin Foil 1.0 mm/ 99.99%	(ca. 145.8 g/100 x 200 mm)	100x200 mm
Foils	905031-50X50	Tin Foil 1.0 mm/ 99.999%	(ca. 18.2 g/50 x 50 mm)	50x50 mm
Foils	905031-100X100	Tin Foil 1.0 mm/ 99.999%	(ca. 72.9 g/100 x 100 mm)	100x100 mm
Foils	905032-50X50	Tin Sheet 2 mm/ 99.99%	(ca. 36.5 g/50 x 50 mm)	50x50 mm
Foils	905032-100X100	Tin Sheet 2 mm/ 99.99%	(ca. 145.8 g/100 x 100 mm)	100x100 mm
Foils	905033-50X50	Tin Sheet 2 mm/ 99.999%	(ca. 36.5 g/50 x 50 mm)	50x50 mm
Foils	905033-100X100	Tin Sheet 2 mm/ 99.999%	(ca. 145.8 g/100 x 100 mm)	100x100 mm
Wires	901069-1	Tin Wire 1.0 mm diameter/ 99.9+%	(ca. 5.73 g/m)	1 m

Z Y X W V U T S R Q P O N M L K J I H G F E D C B A

Shape	Product Code	Product Description	Details	Unit
Wires	901069-5	Tin Wire 1.0 mm diameter/ 99.9+%	(ca. 5.73 g/m)	5 m
Wires	009461-1	Tin Wire 1.0 mm diameter/ 99.999%	(ca. 5.73 g/m)	1 m
Wires	009461-5	Tin Wire 1.0 mm diameter/ 99.999%	(ca. 5.73 g/m)	5 m
Wires	901070-1	Tin Wire 2.0 mm diameter/ 99.9+%	(ca. 22.9 g/m)	1 m
Wires	901070-5	Tin Wire 2.0 mm diameter/ 99.9+%	(ca. 22.9 g/m)	5 m
Wires	901071-25	Tin Wire 2.0 mm diameter/ 99.999%	(ca. 22.9 g/m)	25 cm
Wires	901071-1	Tin Wire 2.0 mm diameter/ 99.999%	(ca. 22.9 g/m)	1 m
Rods	009462-150	Tin Rod 6 mm diameter/ 99.999%	(ca. 2.06 g/cm)	150 mm
Rods	902141-250	Tin Rod 8 mm diameter/ 99.999%	(ca. 3.66 g/cm)	250 mm
Rods	009464-20	Tin Rod 11 mm diameter/ 99.999%	(ca. 6.93 g/cm)	20 mm
Rods	009464-100	Tin Rod 11 mm diameter/ 99.999%	(ca. 6.93 g/cm)	100 mm
Sputtering Targets	904333-25	Tin Sputtering Target 3 mm/ 99.9%	25 mm diameter	1 piece
Sputtering Targets	904333-50	Tin Sputtering Target 3 mm/ 99.9%	50 mm diameter	1 piece
Sputtering Targets	904333-75	Tin Sputtering Target 3 mm/ 99.9%	75 mm diameter	1 piece
Sputtering Targets	904333-100	Tin Sputtering Target 3 mm/ 99.9%	100 mm diameter	1 piece
Sputtering Targets	904334-25	Tin Sputtering Target 3 mm/ 99.99%	25 mm diameter	1 piece
Sputtering Targets	904334-50	Tin Sputtering Target 3 mm/ 99.99%	50 mm diameter	1 piece
Sputtering Targets	904334-75	Tin Sputtering Target 3 mm/ 99.99%	75 mm diameter	1 piece
Sputtering Targets	904334-100	Tin Sputtering Target 3 mm/ 99.99%	100 mm diameter	1 piece
Sputtering Targets	904335-25	Tin Sputtering Target 3 mm/ 99.999%	25 mm diameter	1 piece
Sputtering Targets	904335-50	Tin Sputtering Target 3 mm/ 99.999%	50 mm diameter	1 piece
Sputtering Targets	904335-75	Tin Sputtering Target 3 mm/ 99.999%	75 mm diameter	1 piece
Sputtering Targets	904335-100	Tin Sputtering Target 3 mm/ 99.999%	100 mm diameter	1 piece
Sputtering Targets	904336-25	Tin Sputtering Target 6 mm/ 99.9%	25 mm diameter	1 piece
Sputtering Targets	904336-50	Tin Sputtering Target 6 mm/ 99.9%	50 mm diameter	1 piece
Sputtering Targets	904336-75	Tin Sputtering Target 6 mm/ 99.9%	75 mm diameter	1 piece
Sputtering Targets	904336-100	Tin Sputtering Target 6 mm/ 99.9%	100 mm diameter	1 piece
Sputtering Targets	904337-25	Tin Sputtering Target 6 mm/ 99.99%	25 mm diameter	1 piece
Sputtering Targets	904337-50	Tin Sputtering Target 6 mm/ 99.99%	50 mm diameter	1 piece
Sputtering Targets	904337-75	Tin Sputtering Target 6 mm/ 99.99%	75 mm diameter	1 piece
Sputtering Targets	904337-100	Tin Sputtering Target 6 mm/ 99.99%	100 mm diameter	1 piece
Sputtering Targets	904338-25	Tin Sputtering Target 6 mm/ 99.999%	25 mm diameter	1 piece
Sputtering Targets	904338-50	Tin Sputtering Target 6 mm/ 99.999%	50 mm diameter	1 piece

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Shape	Product Code	Product Description	Details	Unit
Sputtering Targets	904338-75	Tin Sputtering Target 6 mm/ 99.999%	75 mm diameter	1 piece
Sputtering Targets	904338-100	Tin Sputtering Target 6 mm/ 99.999%	100 mm diameter	1 piece

## Titanium

## Ti [7440-32-6]

Nano-powders	904048-5	Titanium Nanopowder APS 60-80 nm/ 99.9%	SSA 13.8 m <sup>2</sup> /g - spherical, black powder partially passionated	5 g
Nano-powders	904048-10	Titanium Nanopowder APS 60-80 nm/ 99.9%	SSA 13.8 m <sup>2</sup> /g - spherical, black powder partially passionated	10 g
Nano-powders	904048-25	Titanium Nanopowder APS 60-80 nm/ 99.9%	SSA 13.8 m <sup>2</sup> /g - spherical, black powder partially passionated	25 g
Nano-powders	904048-50	Titanium Nanopowder APS 60-80 nm/ 99.9%	SSA 13.8 m <sup>2</sup> /g - spherical, black powder partially passionated	50 g
Nano-powders	904048-100	Titanium Nanopowder APS 60-80 nm/ 99.9%	SSA 13.8 m <sup>2</sup> /g - spherical, black powder partially passionated	100 g
Powders	903776-100	Titanium Powder < 30 micron, under water/ 95+%		100 g
Powders	902490-100	Titanium Powder spherical 45-75 micron/ 99.8%		100 g
Powders	902491-100	Titanium Powder spherical 75-125 micron/ 99.8%		100 g
Powders	902492-100	Titanium Powder spherical 125-250 micron/ 99.8%		100 g
Powders	902498-100	Titanium Powder spherical 125-250 micron/ Grade 1		100 g
Powders	009467-100	Titanium Powder -200 mesh, under argon/ 99.5%		100 g
Powders	009467-500	Titanium Powder -200 mesh, under argon/ 99.5%		500 g
Granules	904204-10	Titanium Pieces 2-5 mm/ 99.995%		10 g
Granules	904204-50	Titanium Pieces 2-5 mm/ 99.995%		50 g
Granules	904591-100	Titanium Granules < 4 mm/ 99.8+%		100 g
Granules	904591-500	Titanium Granules < 4 mm/ 99.8+%		500 g
Granules	901067-50	Titanium Slugs appr. 5 x 10-12 mm/ 99.6%		50 g
Granules	903803-100	Titanium Granules < 6 mm/ 99.8%		100 g
Granules	903803-500	Titanium Granules < 6 mm/ 99.8%		500 g
Granules	009469-50	Titanium Pellets 6 x 6 mm/ 99.8%		50 g
Granules	901165-10	Titanium Pellets 6 x 6 mm/ 99.99%		10 g
Granules	901165-50	Titanium Pellets 6 x 6 mm/ 99.99%		50 g
Granules	904855-100	Titanium Granules < 10 mm/ 99.995%		10 g
Granules	904855-50	Titanium Granules < 10 mm/ 99.995%		50 g
Foils	904865-50X50	Titanium Foil 0.025 mm/ 99.99+%	(ca. 0.28 g/50 x 50 mm)	50x50 mm
Foils	904865-100X100	Titanium Foil 0.025 mm/ 99.99+%	(ca. 1.14 g/100 x 100 mm)	100x100 mm
Foils	009470-50X100	Titanium Foil 0.05 mm/ 99.6%	(ca. 1.14 g/50 x 100 mm)	50x100 mm
Foils	009470-100X100	Titanium Foil 0.05 mm/ 99.6%	(ca. 2.27 g/100 x 100 mm)	100x100 mm
Foils	009470-150X150	Titanium Foil 0.05 mm/ 99.6%	(ca. 5.11 g/150 x 150 mm)	150x150 mm
Foils	904866-50X50	Titanium Foil 0.05 mm/ 99.99+%	(ca. 0.57 g/50 x 50 mm)	50x50 mm
Foils	904866-100X100	Titanium Foil 0.05 mm/ 99.99+%	(ca. 2.27 g/100 x 100 mm)	100x100 mm
Foils	903804-150X150	Titanium Foil 0.1 mm/ 99.6%	(ca. 10.22 g/150 x 150 mm)	150x150 mm
Foils	904867-50X50	Titanium Foil 0.1 mm/ 99.99+%	(ca. 1.14 g/50 x 50 mm)	50x50 mm
Foils	904867-100X100	Titanium Foil 0.1 mm/ 99.99+%	(ca. 4.54 g/100 x 100 mm)	100x100 mm
Foils	901686-35X100	Titanium Foil 0.125 mm/ 99.6%	(ca. 1.99 g/35 x 100 mm)	35x100 mm
Foils	901686-100X100	Titanium Foil 0.125 mm/ 99.6%	(ca. 5.68 g/100 x 100 mm)	100x100 mm
Foils	901686-150X150	Titanium Foil 0.125 mm/ 99.6%	(ca. 12.77 g/150 x 150 mm)	150x150 mm
Foils	901686-300X300	Titanium Foil 0.125 mm/ 99.6%	(ca. 51 g/300 x 300 mm)	300x300 mm
Foils	009471-150X150	Titanium Foil 0.25 mm/ 99.6%	(ca. 25.5 g/150 x 150 mm)	150x150 mm
Foils	904868-50X50	Titanium Foil 0.25 mm/ 99.99+%	(ca. 2.84 g/50 x 50 mm)	50x50 mm
Foils	904868-100X100	Titanium Foil 0.25 mm/ 99.99+%	(ca. 11.35 g/100 x 100 mm)	100x100 mm

Shape	Product Code	Product Description	Details	Unit
Foils	009472-100X200	Titanium Foil 0.5 mm/ 99.6%	(ca. 45.4 g/100 x 200 mm)	100x200 mm
Foils	904869-50X50	Titanium Foil 0.5 mm/ 99.99+%	(ca. 5.68 g/50 x 50 mm)	50x50 mm
Foils	904869-100X100	Titanium Foil 0.5 mm/ 99.99+%	(ca. 22.7 g/100 x 100 mm)	100x100 mm
Foils	009473-50X50	Titanium Sheet 1.0 mm/ 99.6%	(ca. 11.35 g/50 x 50 mm)	50x50 mm
Foils	009473-100X200	Titanium Sheet 1.0 mm/ 99.6%	(ca. 90.8 g/100 x 200 mm)	100x200 mm
Foils	904870-50X50	Titanium Sheet 1.0 mm/ 99.995%	(ca. 11.35 g/50 x 50 mm)	50x50 mm
Foils	904870-100X100	Titanium Sheet 1.0 mm/ 99.995%	(ca. 45.4 g/100 x 100 mm)	100x100 mm
Foils	904871-50X50	Titanium Sheet 2 mm/ 99.995%	(ca. 22.7 g/50 x 50 mm)	50x50 mm
Foils	904871-100X100	Titanium Sheet 2 mm/ 99.995%	(ca. 90.8 g/100 x 100 mm)	100x100 mm
Foils	904872-50X50	Titanium Sheet 5 mm/ 99.995%	(ca. 56.8 g/50 x 50 mm)	50x50 mm
Foils	904872-100X100	Titanium Sheet 5 mm/ 99.995%	(ca. 227 g/100 x 100 mm)	100x100 mm
Wires	900804-5	Titanium Wire 0.125 mm diameter/ 99.6%	(ca. 0.055 g/m)	5 m
Wires	900804-10	Titanium Wire 0.125 mm diameter/ 99.6%	(ca. 0.055 g/m)	10 m
Wires	900804-25	Titanium Wire 0.125 mm diameter/ 99.6%	(ca. 0.055 g/m)	25 m
Wires	901074-5	Titanium Wire 0.25 mm diameter/ 99.6%	(ca. 0.22 g/m)	5 m
Wires	901074-25	Titanium Wire 0.25 mm diameter/ 99.6%	(ca. 0.22 g/m)	25 m
Wires	901074-100	Titanium Wire 0.25 mm diameter/ 99.6%	(ca. 0.22 g/m)	100 m
Wires	009474-10	Titanium Wire 0.5 mm diameter/ 99.8%	(ca. 0.88 g/m)	10 m
Wires	009474-50	Titanium Wire 0.5 mm diameter/ 99.8%	(ca. 0.88 g/m)	50 m
Wires	009475-10	Titanium Wire 0.8 mm diameter/ 99.8%	(ca. 2.26 g/m)	10 m
Wires	009475-50	Titanium Wire 0.8 mm diameter/ 99.8%	(ca. 2.26 g/m)	50 m
Wires	009476-10	Titanium Wire 1.0 mm diameter/ 99.8%	(ca. 3.54 g/m)	10 m
Wires	009476-25	Titanium Wire 1.0 mm diameter/ 99.8%	(ca. 3.54 g/m)	25 m
Wires	904864-1	Titanium Wire 3 mm diameter/ 99.995%	(ca. 31.9 g/m)	1 m
Rods	902449-5X0,9	Titanium Rod 1.6 mm diameter/ 99.7%	(ca. 9.06 g/m)	5x0,9 m
Rods	009477-2X1	Titanium Rod 2 mm diameter/ 99.6%	(ca. 14.2 g/m)	2x1 m
Rods	009477-5X1	Titanium Rod 2 mm diameter/ 99.6%	(ca. 14.2 g/m)	5x1 m
Rods	904856-100	Titanium Rod 2 mm diameter/ 99.995%	(ca. 14.2 g/m)	100 mm
Rods	904856-500	Titanium Rod 2 mm diameter/ 99.995%	(ca. 14.2 g/m)	500 mm
Rods	903049-2X90	Titanium Rod 3 mm diameter/ 99.7%	(ca. 31.9 g/m)	2x90 cm
Rods	903049-5X90	Titanium Rod 3 mm diameter/ 99.7%	(ca. 31.9 g/m)	5x90 cm
Rods	904178-250	Titanium Rod 3 mm diameter/ 99.995%	(ca. 31.9 g/m)	250 mm
Rods	009478-1	Titanium Rod 5 mm diameter/ 99.6%	(ca. 31.9 g/m)	1 m
Rods	904857-100	Titanium Rod 5 mm diameter/ 99.995%	(ca. 0.88 g/cm)	100 mm
Rods	904857-500	Titanium Rod 5 mm diameter/ 99.995%	(ca. 0.88 g/cm)	500 mm
Rods	901300-100	Titanium Rod 6.35 mm diameter/ 99.99+%	(ca. 1.43 g/cm)	100 mm
Rods	009479-25	Titanium Rod 8 mm diameter/ 99.6%	(ca. 2.27 g/cm)	25 cm
Rods	904858-100	Titanium Rod 8 mm diameter/ 99.995%	(ca. 2.27 g/cm)	100 mm
Rods	904858-500	Titanium Rod 8 mm diameter/ 99.995%	(ca. 2.27 g/cm)	500 mm
Rods	900771-25	Titanium Rod 10.0 mm diameter/ 99.7%	(ca. 3.54 g/cm)	25 cm
Rods	904862-100	Titanium Rod 10 mm diameter/ 99.995%	(ca. 3.54 g/cm)	100 mm
Rods	904862-250	Titanium Rod 10 mm diameter/ 99.995%	(ca. 3.54 g/cm)	250 mm
Rods	900466-25	Titanium Rod 15.0 mm diameter/ 99.7%	(ca. 7.96 g/cm)	25 cm
Rods	904863-100	Titanium Rod 20 mm diameter/ 99.6%	(ca. 14.2 g/cm)	100 mm
Rods	904863-500	Titanium Rod 20 mm diameter/ 99.6%	(ca. 14.2 g/cm)	500 mm
Rods	901068-25	Titanium Rod 30.0 mm diameter/ 99.7%	(ca. 31.9 g/cm)	25 cm
Rods	904166-10	Titanium Rod 50 mm diameter/ 99.6%	(ca. 88.5 g/cm)	10 cm
Rods	904166-25	Titanium Rod 50 mm diameter/ 99.6%	(ca. 88.5 g/cm)	25 cm
Sputtering Targets	904339-25	Titanium Sputtering Target 3 mm/ 99.6%	25 mm diameter	1 piece

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Shape	Product Code	Product Description	Details	Unit
Sputtering Targets	904339-50	Titanium Sputtering Target 3 mm/ 99.6%	50 mm diameter	1 piece
Sputtering Targets	904339-75	Titanium Sputtering Target 3 mm/ 99.6%	75 mm diameter	1 piece
Sputtering Targets	904339-100	Titanium Sputtering Target 3 mm/ 99.6%	100 mm diameter	1 piece
Sputtering Targets	904339-125	Titanium Sputtering Target 3 mm/ 99.6%	125 mm diameter	1 piece
Sputtering Targets	904339-150	Titanium Sputtering Target 3 mm/ 99.6%	150 mm diameter	1 piece
Sputtering Targets	904340-25	Titanium Sputtering Target 3 mm/ 99.995%	25 mm diameter	1 piece
Sputtering Targets	904340-50	Titanium Sputtering Target 3 mm/ 99.995%	50 mm diameter	1 piece
Sputtering Targets	904340-75	Titanium Sputtering Target 3 mm/ 99.995%	75 mm diameter	1 piece
Sputtering Targets	904340-100	Titanium Sputtering Target 3 mm/ 99.995%	100 mm diameter	1 piece
Sputtering Targets	904340-125	Titanium Sputtering Target 3 mm/ 99.995%	125 mm diameter	1 piece
Sputtering Targets	904340-150	Titanium Sputtering Target 3 mm/ 99.995%	150 mm diameter	1 piece
Sputtering Targets	904341-25	Titanium Sputtering Target 6 mm/ 99.6%	25 mm diameter	1 piece
Sputtering Targets	904341-50	Titanium Sputtering Target 6 mm/ 99.6%	50 mm diameter	1 piece
Sputtering Targets	904341-75	Titanium Sputtering Target 6 mm/ 99.6%	75 mm diameter	1 piece
Sputtering Targets	904341-100	Titanium Sputtering Target 6 mm/ 99.6%	100 mm diameter	1 piece
Sputtering Targets	904341-125	Titanium Sputtering Target 6 mm/ 99.6%	125 mm diameter	1 piece
Sputtering Targets	904341-150	Titanium Sputtering Target 6 mm/ 99.6%	150 mm diameter	1 piece
Sputtering Targets	904342-25	Titanium Sputtering Target 6 mm/ 99.995%	25 mm diameter	1 piece
Sputtering Targets	904342-50	Titanium Sputtering Target 6 mm/ 99.995%	50 mm diameter	1 piece
Sputtering Targets	904342-75	Titanium Sputtering Target 6 mm/ 99.995%	75 mm diameter	1 piece
Sputtering Targets	904342-100	Titanium Sputtering Target 6 mm/ 99.995%	100 mm diameter	1 piece
Sputtering Targets	904342-125	Titanium Sputtering Target 6 mm/ 99.995%	125 mm diameter	1 piece
Sputtering Targets	904342-150	Titanium Sputtering Target 6 mm/ 99.995%	150 mm diameter	1 piece

## Tungsten

## W [7440-33-7]

Nano-powders	CFF-NP089-5	Tungsten Nanopowder APS 50 nm/ 99.9%	SSA ~8 m <sup>2</sup> /g - spherical, black powder	5 g
Nano-powders	CFF-NP089-10	Tungsten Nanopowder APS 50 nm/ 99.9%	SSA ~8 m <sup>2</sup> /g - spherical, black powder	10 g
Nano-powders	CFF-NP089-25	Tungsten Nanopowder APS 50 nm/ 99.9%	SSA ~8 m <sup>2</sup> /g - spherical, black powder	25 g
Nano-powders	CFF-NP089-100	Tungsten Nanopowder APS 50 nm/ 99.9%	SSA ~8 m <sup>2</sup> /g - spherical, black powder	100 g

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Shape	Product Code	Product Description	Details	Unit
Nano-powders	CFF-NP088-5	Tungsten Nanopowder APS 80-120 nm, coated with oleic acid/ 99%	SSA 4-8 m <sup>2</sup> /g - nearly spherical, black powder	5 g
Nano-powders	CFF-NP088-10	Tungsten Nanopowder APS 80-120 nm, coated with oleic acid/ 99%	SSA 4-8 m <sup>2</sup> /g - nearly spherical, black powder	10 g
Nano-powders	CFF-NP088-25	Tungsten Nanopowder APS 80-120 nm, coated with oleic acid/ 99%	SSA 4-8 m <sup>2</sup> /g - nearly spherical, black powder	25 g
Nano-powders	CFF-NP088-100	Tungsten Nanopowder APS 80-120 nm, coated with oleic acid/ 99%	SSA 4-8 m <sup>2</sup> /g - nearly spherical, black powder	100 g
Powders	009480-250	Tungsten Powder 2.8 micron/ 99.95%		250 g
Powders	009480-500	Tungsten Powder 2.8 micron/ 99.95%		500 g
Powders	901209-5	Tungsten Powder 5 micron (Mo 1 ppm)/ 99.999%		5 g
Powders	901209-25	Tungsten Powder 5 micron (Mo 1 ppm)/ 99.999%		25 g
Powders	009481-250	Tungsten Powder 8-10 micron/ 99.9%		250 g
Powders	009481-500	Tungsten Powder 8-10 micron/ 99.9%		500 g
Powders	902082-100	Tungsten Powder < 10 micron (Mo 5 ppm)/ 99.99+%		100 g
Granules	902660-250	Tungsten Granules 0.5-2 mm/ 99.9%		250 g
Granules	902660-1	Tungsten Granules 0.5-2 mm/ 99.9%		1 kg
Granules	902261-25	Tungsten Pellets 6.35 x 6.35 mm/ 99.97%		25 g
Granules	902261-100	Tungsten Pellets 6.35 x 6.35 mm/ 99.97%		100 g
Foils	902267-45X50	Tungsten Foil 0.025 mm/ 99.95%	(ca. 1.08 g/45 x 50 mm)	45x50 mm
Foils	902267-50X50	Tungsten Foil 0.025 mm/ 99.95%	(ca. 1.20 g/50 x 50 mm)	50x50 mm
Foils	902267-50X100	Tungsten Foil 0.025 mm/ 99.95%	(ca. 2.41 g/50 x 100 mm)	50x100 mm
Foils	902267-100X100	Tungsten Foil 0.025 mm/ 99.95%	(ca. 4.81 g/100 x 100 mm)	100x100 mm
Foils	902197-25X25	Tungsten Foil 0.05 mm/ 99.9+%	(ca. 0.60 g/25 x 25 mm)	25x25 mm
Foils	902197-50X50	Tungsten Foil 0.05 mm/ 99.9+%	(ca. 2.41 g/50 x 50 mm)	50x50 mm
Foils	902197-100X100	Tungsten Foil 0.05 mm/ 99.9+%	(ca. 9.63 g/100 x 100 mm)	100x100 mm
Foils	009482-100X100	Tungsten Foil 0.1 mm/ 99.96%	(ca. 19.3 g/100 x 100 mm)	100x100 mm
Foils	009482-100X200	Tungsten Foil 0.1 mm/ 99.96%	(ca. 38.5 g/100 x 200 mm)	100x200 mm
Foils	009483-100X100	Tungsten Foil 0.15 mm/ 99.96%	(ca. 28.9 g/100 x 100 mm)	100x100 mm
Foils	009483-100X200	Tungsten Foil 0.15 mm/ 99.96%	(ca. 57.8 g/100 x 200 mm)	100x200 mm
Foils	009484-100X100	Tungsten Foil 0.2 mm/ 99.96%	(ca. 38.5 g/100 x 100 mm)	100x100 mm
Foils	009484-100X200	Tungsten Foil 0.2 mm/ 99.96%	(ca. 77 g/100 x 200 mm)	100x200 mm
Foils	009485-50X50	Tungsten Foil 0.5 mm/ 99.96%	(ca. 24.1 g/50 x 50 mm)	50x50 mm
Foils	009485-100X100	Tungsten Foil 0.5 mm/ 99.96%	(ca. 96.3 g/100 x 100 mm)	100x100 mm
Foils	009485-100X200	Tungsten Foil 0.5 mm/ 99.96%	(ca. 192.5 g/100 x 200 mm)	100x200 mm
Foils	902466-100X100	Tungsten Foil 0.7 mm/ 99.96%	(ca. 134.8 g/100 x 100 mm)	100x100 mm
Foils	901101-50X50	Tungsten Foil 1.0 mm/ 99.96%	(ca. 48.1 g/50 x 50 mm)	50x50 mm
Foils	901101-100X100	Tungsten Foil 1.0 mm/ 99.96%	(ca. 192.5 g/100 x 100 mm)	100x100 mm
Foils	901101-100X200	Tungsten Foil 1.0 mm/ 99.96%	(ca. 385 g/100 x 200 mm)	100x200 mm
Foils	904629-50X50	Tungsten Foil 2.0 mm/ 99.95%	(ca. 96.3 g/50 x 50 mm)	50x50 mm
Foils	904629-100X100	Tungsten Foil 2.0 mm/ 99.95%	(ca. 385 g/100 x 100 mm)	100x100 mm
Foils	904985-50X50	Tungsten Sheet 5 mm/ 99.95%	(ca. 240.6 g/50 x 50 mm)	50x50 mm
Foils	904985-100X100	Tungsten Sheet 5 mm/ 99.95%	(ca. 963 g/100 x 100 mm)	100x100 mm
Wires	901888-50	Tungsten Wire 0.01 mm diameter/ 99.9+%	(ca. 0.0015 g/m)	50 m
Wires	009486-25	Tungsten Wire 0.1 mm diameter/ 99.95+%	(ca. 0.15 g/m)	25 m
Wires	009486-100	Tungsten Wire 0.1 mm diameter/ 99.95+%	(ca. 0.15 g/m)	100 m
Wires	903516-25	Tungsten Wire 0.15 mm diameter/ 99.9%	(ca. 0.34 g/m)	25 m
Wires	009487-25	Tungsten Wire 0.2 mm diameter/ 99.95+%	(ca. 0.60 g/m)	25 m
Wires	009487-100	Tungsten Wire 0.2 mm diameter/ 99.95+%	(ca. 0.60 g/m)	100 m
Wires	901657-25	Tungsten Wire 0.25 mm diameter/ 99.95+%	(ca. 0.95 g/m)	25 m
Wires	009488-25	Tungsten Wire 0.3 mm diameter/ 99.95+%	(ca. 1.36 g/m)	25 m
Wires	009488-100	Tungsten Wire 0.3 mm diameter/ 99.95+%	(ca. 1.36 g/m)	100 m

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Shape	Product Code	Product Description	Details	Unit
Wires	904052-10	Tungsten Wire 0.4 mm diameter/ 99.95+%	(ca. 2.42 g/m)	10 m
Wires	904052-50	Tungsten Wire 0.4 mm diameter/ 99.95+%	(ca. 2.42 g/m)	50 m
Wires	904052-100	Tungsten Wire 0.4 mm diameter/ 99.95+%	(ca. 2.42 g/m)	100 m
Wires	009489-10	Tungsten Wire 0.5 mm diameter/ 99.95+%	(ca. 3.78 g/m)	10 m
Wires	009489-50	Tungsten Wire 0.5 mm diameter/ 99.95+%	(ca. 3.78 g/m)	50 m
Wires	009490-5	Tungsten Wire 0.7 mm diameter/ 99.95+%	(ca. 7.41 g/m)	5 m
Wires	009490-25	Tungsten Wire 0.7 mm diameter/ 99.95+%	(ca. 7.41 g/m)	25 m
Wires	009491-2	Tungsten Wire 1.0 mm diameter/ 99.95+%	(ca. 15.1 g/m)	2 m
Wires	009491-10	Tungsten Wire 1.0 mm diameter/ 99.95+%	(ca. 15.1 g/m)	10 m
Wires	009492-2	Tungsten Wire 1.4 mm diameter/ 99.95+%	(ca. 29.6 g/m)	2 m
Wires	009492-10	Tungsten Wire 1.4 mm diameter/ 99.95+%	(ca. 29.6 g/m)	10 m
Wires	009493-1	Tungsten Wire 2.0 mm diameter/ 99.95+%	(ca. 60.5 g/m)	1 m
Wires	009493-5	Tungsten Wire 2.0 mm diameter/ 99.95+%	(ca. 60.5 g/m)	5 m
Wires	900215-100	Tungsten Wire, thoriaed 0.3 mm diameter, 1% ThO2	(ca. 1.35 g/m)	100 m
Rods	901742-5X330	Tungsten Rod 1 mm/ 99.95+%	(ca. 0.15 g/cm)	5x330 mm
Rods	902647-5X800	Tungsten Rod 1.2 mm/ 99.95+%	(ca. 0.22 g/cm)	5x800 mm
Rods	902353-2X200	Tungsten Rod 2 mm/ 99.95+%	(ca. 0.60 g/cm)	2x200 mm
Rods	009494-2X500	Tungsten Rod 2.5 mm/ 99.95+%	(ca. 0.95 g/cm)	2x500 mm
Rods	901762-500	Tungsten Rod 3.0 mm diameter/ 99.95+%	(ca. 1.36 g/cm)	500 mm
Rods	900102-250	Tungsten Rod 4.0 mm diameter/ 99.95+%	(ca. 2.42 g/cm)	250 mm
Rods	009495-250	Tungsten Rod 5.0 mm diameter/ 99.95+%	(ca. 3.78 g/cm)	250 mm
Rods	900775-200	Tungsten Rod 8.0 mm diameter/ 99.95+%	(ca. 9.68 g/cm)	200 mm
Rods	900775-500	Tungsten Rod 8.0 mm diameter/ 99.95+%	(ca. 9.68 g/cm)	500 mm
Rods	009496-150	Tungsten Rod 10 mm diameter/ 99.95+%	(ca. 15.1 g/cm)	150 mm
Rods	902625-150	Tungsten Rod 12 mm diameter/ 99.95+%	(ca. 21.8 g/cm)	150 mm
Rods	901103-100	Tungsten Rod 15 mm diameter/ 99.95+%	(ca. 34.0 g/cm)	100 mm
Rods	901104-100	Tungsten Rod 20 mm diameter/ 99.95+%	(ca. 60.5 g/cm)	100 mm
Sputtering Targets	900349-25	Tungsten Sputtering Target 3 mm/ 99.95%	25 mm diameter	1 piece
Sputtering Targets	900349-50	Tungsten Sputtering Target 3 mm/ 99.95%	50 mm diameter	1 piece
Sputtering Targets	900349-75	Tungsten Sputtering Target 3 mm/ 99.95%	75 mm diameter	1 piece
Sputtering Targets	900349-100	Tungsten Sputtering Target 3 mm/ 99.95%	100 mm diameter	1 piece
Sputtering Targets	904343-25	Tungsten Sputtering Target 6 mm/ 99.95%	25 mm diameter	1 piece
Sputtering Targets	904343-50	Tungsten Sputtering Target 6 mm/ 99.95%	50 mm diameter	1 piece
Sputtering Targets	904343-75	Tungsten Sputtering Target 6 mm/ 99.95%	75 mm diameter	1 piece
Sputtering Targets	904343-100	Tungsten Sputtering Target 6 mm/ 99.95%	100 mm diameter	1 piece



A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Shape	Product Code	Product Description	Details	Unit
<b>Vanadium</b>		<b>V [7440-62-2]</b>		
Powders	009497-10	Vanadium Powder -200 mesh/ 99.5+%		10 g
Powders	009497-25	Vanadium Powder -200 mesh/ 99.5+%		25 g
Powders	904880-10	Vanadium Powder <75 micron/ 99.9+%		10 g
Powders	904880-25	Vanadium Powder <75 micron/ 99.9+%		25 g
Granules	009498-10	Vanadium Turnings/ 99.7%		10 g
Granules	009498-25	Vanadium Turnings/ 99.7%		25 g
Granules	009498-100	Vanadium Turnings/ 99.7%		100 g
Granules	904881-10	Vanadium Granules <3 mm/ 99.9%		10 g
Granules	904881-25	Vanadium Granules <3 mm/ 99.9%		25 g
Granules	902072-10	Vanadium Pellets 6 x 6.35 mm/ 99.9%		10 g
Granules	902072-25	Vanadium Pellets 6 x 6.35 mm/ 99.9%		25 g
Granules	902072-50	Vanadium Pellets 6 x 6.35 mm/ 99.9%		50 g
Foils	904875-50X50	Vanadium Foil 0.025 mm/ 99.9+%	(ca. 0.38 g/50 x 50 mm)	50x50 mm
Foils	904875-100X100	Vanadium Foil 0.025 mm/ 99.9+%	(ca. 1.53 g/100 x 100 mm)	100x100 mm
Foils	901141-50X50	Vanadium Foil 0.05 mm/ 99.9+%	(ca. 0.76 g/50 x 50 mm)	50x50 mm
Foils	901141-100X100	Vanadium Foil 0.05 mm/ 99.9+%	(ca. 3.06 g/100 x 100 mm)	100x100 mm
Foils	901141-100X200	Vanadium Foil 0.05 mm/ 99.9+%	(ca. 6.11 g/100 x 200 mm)	100x200 mm
Foils	903533-50X50	Vanadium Foil 0.1 mm/ 99.9+%	(ca. 1.53 g/50 x 50 mm)	50x50 mm
Foils	903533-100X100	Vanadium Foil 0.1 mm/ 99.9+%	(ca. 6.11 g/100 x 100 mm)	100x100 mm
Foils	903533-100X200	Vanadium Foil 0.1 mm/ 99.9+%	(ca. 12.2 g/100 x 200 mm)	100x200 mm
Foils	009499-50X50	Vanadium Foil 0.2 mm/ 99.9%	(ca. 3.06 g/50 x 50 mm)	50x50 mm
Foils	009499-100X100	Vanadium Foil 0.2 mm/ 99.9%	(ca. 12.2 g/100 x 100 mm)	100x100 mm
Foils	009499-100X200	Vanadium Foil 0.2 mm/ 99.9%	(ca. 24.4 g/100 x 200 mm)	100x200 mm
Foils	009500-50X50	Vanadium Foil 0.3 mm/ 99.9%	(ca. 4.58 g/50 x 50 mm)	50x50 mm
Foils	009500-100X100	Vanadium Foil 0.3 mm/ 99.9%	(ca. 18.3 g/100 x 100 mm)	100x100 mm
Foils	009500-100X200	Vanadium Foil 0.3 mm/ 99.9%	(ca. 36.7 g/100 x 200 mm)	100x200 mm
Foils	009501-50X50	Vanadium Foil 0.5 mm/ 99.9%	(ca. 7.64 g/50 x 50 mm)	50x50 mm
Foils	009501-100X200	Vanadium Foil 0.5 mm/ 99.9%	(ca. 61.1 g/100 x 200 mm)	100x200 mm
Foils	009502-50X50	Vanadium Foil 1.0 mm/ 99.9+%	(ca. 15.3 g/50 x 50 mm)	50x50 mm
Foils	009502-100X100	Vanadium Foil 1.0 mm/ 99.9+%	(ca. 61.1 g/100 x 100 mm)	100x100 mm
Foils	009502-100X200	Vanadium Foil 1.0 mm/ 99.9+%	(ca. 122 g/100 x 200 mm)	100x200 mm
Foils	904876-50X50	Vanadium Foil 2 mm/ 99.9+%	(ca. 30.6 g/50 x 50 mm)	50x50 mm
Foils	904876-100X100	Vanadium Foil 2 mm/ 99.9+%	(ca. 122 g/100 x 100 mm)	100x100 mm
Foils	904877-50X50	Vanadium Foil 5 mm/ 99.9+%	(ca. 76.4 g/50 x 50 mm)	50x50 mm
Foils	904877-100X100	Vanadium Foil 5 mm/ 99.9+%	(ca. 306 g/100 x 100 mm)	100x100 mm
Wires	904274-1	Vanadium Wire 1.0 mm diameter/ 99.8% annealed	(ca. 4.80 g/m)	1 m
Wires	904274-5	Vanadium Wire 1.0 mm diameter/ 99.8% annealed	(ca. 4.80 g/m)	5 m
Wires	009101-0,5	Vanadium Wire 1.0 mm diameter/ 99.9%	(ca. 4.80 g/m)	0,5 m
Wires	009276-10	Vanadium Wire 2.0 mm diameter, square profile/ 99.9%		10 cm
Wires	009276-25	Vanadium Wire 2.0 mm diameter, square profile/ 99.9%		25 cm
Rods	904879-100	Vanadium Rod 3 mm diameter/ 99.9+%	(ca. 0.43 g/cm)	100 mm
Rods	904879-500	Vanadium Rod 3 mm diameter/ 99.9+%	(ca. 0.43 g/cm)	500 mm
Rods	009372-100	Vanadium Rod 5 mm diameter/ 99.9%	(ca. 1.20 g/cm)	100 mm
Rods	009372-500	Vanadium Rod 5 mm diameter/ 99.9%	(ca. 1.20 g/cm)	500 mm
Rods	009505-100	Vanadium Rod 6 mm diameter/ 99.9%	(ca. 1.73 g/cm)	100 mm
Rods	009505-500	Vanadium Rod 6 mm diameter/ 99.9%	(ca. 1.73 g/cm)	500 mm
Rods	904878-100	Vanadium Rod 8 mm diameter/ 99.9+%	(ca. 3.07 g/cm)	100 mm

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Shape	Product Code	Product Description	Details	Unit
Rods	009506-100	Vanadium Rod 10 mm diameter/ 99.9%	(ca. 4.80 g/cm)	100 mm
Rods	902099-100	Vanadium Rod 12 mm diameter/ 99.9%	(ca. 6.91 g/cm)	100 mm
Sputtering Targets	904344-25	Vanadium Sputtering Target 3 mm/ 99.9+%	25 mm diameter	1 piece
Sputtering Targets	904344-50	Vanadium Sputtering Target 3 mm/ 99.9+%	50 mm diameter	1 piece
Sputtering Targets	904344-75	Vanadium Sputtering Target 3 mm/ 99.9+%	75 mm diameter	1 piece
Sputtering Targets	904344-100	Vanadium Sputtering Target 3 mm/ 99.9+%	100 mm diameter	1 piece
Sputtering Targets	904344-125	Vanadium Sputtering Target 3 mm/ 99.9+%	125 mm diameter	1 piece
Sputtering Targets	904344-150	Vanadium Sputtering Target 3 mm/ 99.9+%	150 mm diameter	1 piece
Sputtering Targets	904345-25	Vanadium Sputtering Target 6 mm/ 99.9+%	25 mm diameter	1 piece
Sputtering Targets	904345-50	Vanadium Sputtering Target 6 mm/ 99.9+%	50 mm diameter	1 piece
Sputtering Targets	904345-75	Vanadium Sputtering Target 6 mm/ 99.9+%	75 mm diameter	1 piece
Sputtering Targets	904345-100	Vanadium Sputtering Target 6 mm/ 99.9+%	100 mm diameter	1 piece
Sputtering Targets	904345-125	Vanadium Sputtering Target 6 mm/ 99.9+%	125 mm diameter	1 piece
Sputtering Targets	904345-150	Vanadium Sputtering Target 6 mm/ 99.9+%	150 mm diameter	1 piece

Z Y X W V U T S R Q P O N M L K J I H G F E D C B A

Shape	Product Code	Product Description	Details	Unit
<b>Ytterbium</b>		<b>Yb [7440-64-4]</b>		
Powders	009507-5	Ytterbium Powder/ 99.9% (REO)		5 g
Powders	009507-25	Ytterbium Powder/ 99.9% (REO)		25 g
Granules	009508-5	Ytterbium Chips/ 99.9% (REO)		5 g
Granules	009508-25	Ytterbium Chips/ 99.9% (REO)		25 g
Granules	009509-5	Ytterbium Pieces/ 99.9% (REO)		5 g
Granules	009509-25	Ytterbium Pieces/ 99.9% (REO)		25 g
Granules	903073-10	Ytterbium Pieces distilled/ 99.99% (REO)		10 g
Granules	903073-25	Ytterbium Pieces distilled/ 99.99% (REO)		25 g
Foils	009510-25X50	Ytterbium Foil 0.25 mm/ 99.9% (REO)	(ca. 2.18 g/25 x 50 mm)	25x50 mm
Foils	901021-25X50	Ytterbium Foil 0.5 mm/ 99.9% (REO)	(ca. 4.35 g/25 x 50 mm)	25x50 mm
Wires	903728-25	Ytterbium Wire 1 mm diameter/ 99.9% (REO)	(ca. 5.47 g/m)	25 cm
Wires	903728-50	Ytterbium Wire 1 mm diameter/ 99.9% (REO)	(ca. 5.47 g/m)	50 cm

<b>Yttrium</b>		<b>Y [7440-65-5]</b>		
Powders	009511-5	Yttrium Powder -200 mesh/ 99.9% (REO)		5 g
Powders	009511-25	Yttrium Powder -200 mesh/ 99.9% (REO)		25 g
Granules	009512-10	Yttrium Chips 0.5-3 mm/ 99.5+% (REO)		10 g
Granules	009512-50	Yttrium Chips 0.5-3 mm/ 99.5+% (REO)		50 g
Granules	905080-10	Yttrium Granules <3 mm/ 99.9% (REO)		10 g
Granules	905081-10	Yttrium Granules <6 mm/ 99.9% (REO)		10 g
Granules	905082-10	Yttrium Granules <10 mm/ 99.9% (REO)		10 g
Granules	009513-10	Yttrium Pieces <15 mm/ 99.9% (REO)		10 g
Granules	009513-50	Yttrium Pieces <15 mm/ 99.9% (REO)		50 g
Foils	009514-25X50	Yttrium Foil 0.25 mm/ 99.9% (REO)	(ca. 1.40 g/25 x 50 mm)	25x50 mm
Foils	901022-25X50	Yttrium Foil 0.5 mm/ 99.9% (REO)	(ca. 2.80 g/25 x 50 mm)	25x50 mm
Foils	901743-10X10	Yttrium Foil 1.0 mm/ 99.9% (REO)	(ca. 0.45 g/10 x 10 mm)	10x10 mm
Foils	901743-25X25	Yttrium Foil 1.0 mm/ 99.9% (REO)	(ca. 2.80 g/25 x 25 mm)	25x25 mm
Foils	901743-25X50	Yttrium Foil 1.0 mm/ 99.9% (REO)	(ca. 5.59 g/25 x 50 mm)	25x50 mm
Wires	903730-25	Yttrium Wire 1 mm diameter/ 99.9% (REO)	(ca. 3.51 g/m)	25 cm
Wires	903730-50	Yttrium Wire 1 mm diameter/ 99.9% (REO)	(ca. 3.51 g/m)	50 cm
Rods	902473-25	Yttrium Rod 6.35 mm diameter/ 99.9% (REO)	(ca. 1.42 g/cm)	25 mm
Rods	902473-50	Yttrium Rod 6.35 mm diameter/ 99.9% (REO)	(ca. 1.42 g/cm)	50 mm
Rods	902618-25	Yttrium Rod 12.5 mm diameter/ 99.9% (REO)	(ca. 5.49 g/cm)	25 mm
Rods	902618-50	Yttrium Rod 12.5 mm diameter/ 99.9% (REO)	(ca. 5.49 g/cm)	50 mm
Sputtering Targets	905094-50	Yttrium Sputtering Target 3 mm/ 99.9%	50 mm diameter	1 piece

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Shape	Product Code	Product Description	Details	Unit
<b>Zinc</b>		<b>Zn [7440-66-6]</b>		
Nano-powders	CFF-NP091-5	Zinc Nanopowder APS 40-60 nm/ 99.9%	SSA ~12 m <sup>2</sup> /g - spherical, grey powder partially passivated	5 g
Nano-powders	CFF-NP091-10	Zinc Nanopowder APS 40-60 nm/ 99.9%	SSA ~12 m <sup>2</sup> /g - spherical, grey powder partially passivated	10 g
Nano-powders	CFF-NP091-25	Zinc Nanopowder APS 40-60 nm/ 99.9%	SSA ~12 m <sup>2</sup> /g - spherical, grey powder partially passivated	25 g
Nano-powders	CFF-NP091-100	Zinc Nanopowder APS 40-60 nm/ 99.9%	SSA ~12 m <sup>2</sup> /g - spherical, grey powder partially passivated	100 g
Nano-powders	CFF-NP090-5	Zinc Nanopowder APS 130 nm/ 99.5%	SSA 6-8 m <sup>2</sup> /g - spherical, grey powder	5 g
Nano-powders	CFF-NP090-10	Zinc Nanopowder APS 130 nm/ 99.5%	SSA 6-8 m <sup>2</sup> /g - spherical, grey powder	10 g
Nano-powders	CFF-NP090-25	Zinc Nanopowder APS 130 nm/ 99.5%	SSA 6-8 m <sup>2</sup> /g - spherical, grey powder	25 g
Nano-powders	CFF-NP090-100	Zinc Nanopowder APS 130 nm/ 99.5%	SSA 6-8 m <sup>2</sup> /g - spherical, grey powder	100 g
Powders	009515-1	Zinc Powder < 65 micron/ 98+%		1 kg
Granules	009521-50	Zinc Granules 1-5 mm/ 99.999%		50 g
Granules	009521-250	Zinc Granules 1-5 mm/ 99.999%		250 g
Granules	009522-50	Zinc Granules 1-5 mm/ 99.9999%		50 g
Granules	009522-100	Zinc Granules 1-5 mm/ 99.9999%		100 g
Granules	009522-250	Zinc Granules 1-5 mm/ 99.9999%		250 g
Granules	905007-25	Zinc Pellets 3 x 3 mm/ 99.99%		25 g
Granules	905007-100	Zinc Pellets 3 x 3 mm/ 99.99%		100 g
Granules	903531-25	Zinc Pellets 6 x 6 mm/ 99.95%		25 g
Granules	903531-100	Zinc Pellets 6 x 6 mm/ 99.95%		100 g
Granules	903531-250	Zinc Pellets 6 x 6 mm/ 99.95%		250 g
Granules	903342-250	Zinc Pieces < 20 mm/ 99.995+%		250 g
Granules	903342-1	Zinc Pieces < 20 mm/ 99.995+%		1 kg
Ingots	901088-100	Zinc Ingot/ 99.99%		100 g
Ingots	901088-500	Zinc Ingot/ 99.99%		500 g
Foils	009524-25X25	Zinc Foil 0.1 mm/ 99.99+%	(ca. 0.45 g/25 x 25 mm)	25x25 mm
Foils	009524-50X50	Zinc Foil 0.1 mm/ 99.99+%	(ca. 1.78 g/50 x 50 mm)	50x50 mm
Foils	009524-100X100	Zinc Foil 0.1 mm/ 99.99+%	(ca. 7.13 g/100 x 100 mm)	100x100 mm
Foils	009524-100X200	Zinc Foil 0.1 mm/ 99.99+%	(ca. 14.3 g/100 x 200 mm)	100x200 mm
Foils	901085-25X100	Zinc Foil 0.25 mm/ 99.99%	(ca. 4.46 g/25 x 100 mm)	25x100 mm
Foils	901085-25X250	Zinc Foil 0.25 mm/ 99.99%	(ca. 11.1 g/25 x 250 mm)	25x250 mm
Foils	901085-50X50	Zinc Foil 0.25 mm/ 99.99%	(ca. 4.46 g/50 x 50 mm)	50x50 mm
Foils	901085-100X100	Zinc Foil 0.25 mm/ 99.994%	(ca. 17.8 g/100 x 100 mm)	100x100 mm
Foils	901085-100X200	Zinc Foil 0.25 mm/ 99.994%	(ca. 35.7 g/100 x 200 mm)	100x200 mm
Foils	901086-100X100	Zinc Foil 0.5 mm/ 99.99%	(ca. 35.7 g/100 x 100 mm)	100x100 mm
Foils	901086-100X200	Zinc Foil 0.5 mm/ 99.99%	(ca. 71.3 g/100 x 200 mm)	100x200 mm
Foils	901087-100X100	Zinc Foil 1.0 mm/ 99.99%	(ca. 71.3 g/100 x 100 mm)	100x100 mm
Foils	901087-100X200	Zinc Foil 1.0 mm/ 99.99%	(ca. 143 g/100 x 200 mm)	100x200 mm
Wires	903768-50	Zinc Wire 0.25 mm diameter/ 99.9+%	(ca. 0.35 g/m)	50 m
Wires	009526-50	Zinc Wire 1.0 mm diameter/ 99.999%	(ca. 5.60 g/m)	50 cm
Wires	009526-2,5	Zinc Wire 1.0 mm diameter/ 99.999%	(ca. 5.60 g/m)	2,5 m
Wires	009546-2	Zinc Wire 2.0 mm diameter/ 99.99%	(ca. 22.4 g/m)	2 m
Wires	009546-10	Zinc Wire 2.0 mm diameter/ 99.99%	(ca. 22.4 g/m)	10 m
Rods	905004-100	Zinc Rod 5 mm/ 99.99%	(ca. 1.40 g/cm)	100 mm

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Shape	Product Code	Product Description	Details	Unit
Rods	905004-500	Zinc Rod 5 mm/ 99.99%	(ca. 1.40 g/cm)	500 mm
Rods	904598-100	Zinc Rod 6 mm/ 99.99%	(ca. 2.02 g/cm)	100 mm
Rods	904598-500	Zinc Rod 6 mm/ 99.99%	(ca. 2.02 g/cm)	500 mm
Rods	905005-100	Zinc Rod 8 mm/ 99.99%	(ca. 3.59 g/cm)	100 mm
Rods	905005-500	Zinc Rod 8 mm/ 99.99%	(ca. 3.59 g/cm)	500 mm
Rods	009527-50	Zinc Rod 8 mm/ 99.999%	(ca. 3.59 g/cm)	50 mm
Rods	009527-250	Zinc Rod 8 mm/ 99.999%	(ca. 3.59 g/cm)	250 mm
Rods	009528-50	Zinc Rod 8 mm/ 99.9999%	(ca. 3.59 g/cm)	50 mm
Rods	009528-250	Zinc Rod 8 mm/ 99.9999%	(ca. 3.59 g/cm)	250 mm
Rods	905006-100	Zinc Rod 10 mm/ 99.99%	(ca. 5.60 g/cm)	100 mm
Rods	905006-500	Zinc Rod 10 mm/ 99.99%	(ca. 5.60 g/cm)	500 mm
Rods	009529-50	Zinc Rod 10 mm/ 99.9999%	(ca. 5.60 g/cm)	50 mm
Rods	009529-250	Zinc Rod 10 mm/ 99.9999%	(ca. 5.60 g/cm)	250 mm
Sputtering Targets	904346-25	Zinc Sputtering Target 3 mm/ 99.9%	25 mm diameter	1 piece
Sputtering Targets	904346-50	Zinc Sputtering Target 3 mm/ 99.9%	50 mm diameter	1 piece
Sputtering Targets	904346-75	Zinc Sputtering Target 3 mm/ 99.9%	75 mm diameter	1 piece
Sputtering Targets	904346-100	Zinc Sputtering Target 3 mm/ 99.9%	100 mm diameter	1 piece
Sputtering Targets	904346-125	Zinc Sputtering Target 3 mm/ 99.9%	125 mm diameter	1 piece
Sputtering Targets	904346-150	Zinc Sputtering Target 3 mm/ 99.9%	150 mm diameter	1 piece
Sputtering Targets	904347-25	Zinc Sputtering Target 3 mm/ 99.995%	25 mm diameter	1 piece
Sputtering Targets	904347-50	Zinc Sputtering Target 3 mm/ 99.995%	50 mm diameter	1 piece
Sputtering Targets	904347-75	Zinc Sputtering Target 3 mm/ 99.995%	75 mm diameter	1 piece
Sputtering Targets	904347-100	Zinc Sputtering Target 3 mm/ 99.995%	100 mm diameter	1 piece
Sputtering Targets	904347-125	Zinc Sputtering Target 3 mm/ 99.995%	125 mm diameter	1 piece
Sputtering Targets	904347-150	Zinc Sputtering Target 3 mm/ 99.995%	150 mm diameter	1 piece
Sputtering Targets	904348-25	Zinc Sputtering Target 6 mm/ 99.9%	25 mm diameter	1 piece
Sputtering Targets	904348-50	Zinc Sputtering Target 6 mm/ 99.9%	50 mm diameter	1 piece
Sputtering Targets	904348-75	Zinc Sputtering Target 6 mm/ 99.9%	75 mm diameter	1 piece
Sputtering Targets	904348-100	Zinc Sputtering Target 6 mm/ 99.9%	100 mm diameter	1 piece
Sputtering Targets	904348-125	Zinc Sputtering Target 6 mm/ 99.9%	125 mm diameter	1 piece
Sputtering Targets	904348-150	Zinc Sputtering Target 6 mm/ 99.9%	150 mm diameter	1 piece
Sputtering Targets	904349-25	Zinc Sputtering Target 6 mm/ 99.995%	25 mm diameter	1 piece
Sputtering Targets	904349-50	Zinc Sputtering Target 6 mm/ 99.995%	50 mm diameter	1 piece
Sputtering Targets	904349-75	Zinc Sputtering Target 6 mm/ 99.995%	75 mm diameter	1 piece

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Shape	Product Code	Product Description	Details	Unit
Sputtering Targets	904349-100	Zinc Sputtering Target 6 mm/ 99.995%	100 mm diameter	1 piece
Sputtering Targets	904349-125	Zinc Sputtering Target 6 mm/ 99.995%	125 mm diameter	1 piece
Sputtering Targets	904349-150	Zinc Sputtering Target 6 mm/ 99.995%	150 mm diameter	1 piece

## Zirconium

### Zr [7440-67-7]

Powders	009530-100	Zirconium Powder 2-5 micron, under water/ 94-98%	(up to 4% Hf)	100 g
Powders	009530-500	Zirconium Powder 2-5 micron, under water/ 94-98%	(up to 4% Hf)	500 g
Granules	009532-200	Zirconium Granules 1-3 mm/ 99.8%	(up to 4% Hf)	200 g
Powders	009533-200	Zirconium Sponge 3-6 mm/ 99.8%	(up to 4% Hf)	200 g
Foils	009534-100X100	Zirconium Foil 0.025 mm/ 99.7% (low Hafnium 0.05%)	(ca. 1.63 g/100 x 100 mm)	100x100 mm
Foils	009534-200X200	Zirconium Foil 0.025 mm/ 99.7% (low Hafnium 0.05%)	(ca. 6.51 g/200 x 200 mm)	200x200 mm
Foils	901096-100X100	Zirconium Foil 0.25 mm/ 99.8% (up to 4% Hf)	(ca. 16.3 g/100 x 100 mm)	100x100 mm
Foils	901096-150X150	Zirconium Foil 0.25 mm/ 99.8% (up to 4% Hf)	(ca. 36.6 g/150 x 150 mm)	150x150 mm
Foils	901097-50X50	Zirconium Foil 0.5 mm/ 99.8% (up to 4% Hf)	(ca. 8.14 g/50 x 50 mm)	50x50 mm
Foils	901097-100X100	Zirconium Foil 0.5 mm/ 99.8% (up to 4% Hf)	(ca. 32.5 g/100 x 100 mm)	100x100 mm
Foils	009536-50X50	Zirconium Foil 1.0 mm/ 99.8% (up to 4% Hf)	(ca. 16.3 g/50 x 50 mm)	50x50 mm
Foils	009536-100X100	Zirconium Foil 1.0 mm/ 99.8% (up to 4% Hf)	(ca. 65.1 g/100 x 100 mm)	100x100 mm
Wires	009537-0,5	Zirconium Wire 1.0 mm diameter/ 99+% (up to 4% Hf)	(ca. 5.11 g/m)	0,5 m
Wires	009537-2	Zirconium Wire 1.0 mm diameter/ 99+% (up to 4% Hf)	(ca. 5.11 g/m)	2 m
Rods	904387-1	Zirconium Rod 2 mm diameter/ 97% (up to 4% Hf)	(ca. 20.4 g/m)	1 m
Rods	009538-5	Zirconium Rod 6.2 mm diameter/ 99.7% (up to 4% Hf)	(ca. 1.96 g/cm)	5 cm
Rods	009538-10	Zirconium Rod 6.2 mm diameter/ 99.7% (up to 4% Hf)	(ca. 1.96 g/cm)	10 cm
Sputtering Targets	904350-25	Zirconium Sputtering Target 3 mm/ 99.95% (up to 4% Hf)	25 mm diameter	1 piece
Sputtering Targets	904350-50	Zirconium Sputtering Target 3 mm/ 99.95% (up to 4% Hf)	50 mm diameter	1 piece
Sputtering Targets	904350-75	Zirconium Sputtering Target 3 mm/ 99.95% (up to 4% Hf)	75 mm diameter	1 piece
Sputtering Targets	904350-100	Zirconium Sputtering Target 3 mm/ 99.95% (up to 4% Hf)	100 mm diameter	1 piece
Sputtering Targets	904350-125	Zirconium Sputtering Target 3 mm/ 99.95% (up to 4% Hf)	125 mm diameter	1 piece
Sputtering Targets	904350-150	Zirconium Sputtering Target 3 mm/ 99.95% (up to 4% Hf)	150 mm diameter	1 piece
Sputtering Targets	904351-25	Zirconium Sputtering Target 6 mm/ 99.95% (up to 4% Hf)	25 mm diameter	1 piece
Sputtering Targets	904351-50	Zirconium Sputtering Target 6 mm/ 99.95% (up to 4% Hf)	50 mm diameter	1 piece
Sputtering Targets	904351-75	Zirconium Sputtering Target 6 mm/ 99.95% (up to 4% Hf)	75 mm diameter	1 piece
Sputtering Targets	904351-100	Zirconium Sputtering Target 6 mm/ 99.95% (up to 4% Hf)	100 mm diameter	1 piece
Sputtering Targets	904351-125	Zirconium Sputtering Target 6 mm/ 99.95% (up to 4% Hf)	125 mm diameter	1 piece
Sputtering Targets	904351-150	Zirconium Sputtering Target 6 mm/ 99.95% (up to 4% Hf)	150 mm diameter	1 piece

## Alloys

Shape	Product Code	Product Description	Details	Unit
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## Copper/Nickel

Wires	904507-100	Copper Nickel Wire 0.1 mm diameter (Constantan Cu:Ni 55:45 wt%)	(ca. 0.07 g/m)	100 m
Wires	904508-100	Copper Nickel Wire 0.2 mm diameter (Constantan Cu:Ni 55:45 wt%)	(ca. 0.28 g/m)	100 m

## Gallium/Indium/Tin

Powders	902292-10	Gallium/Indium/Tin-alloy 66/20.5/13.5%/ Eutectic alloy/ m.p. ca. 15°C/ 99.99+%		10 g
Powders	902292-50	Gallium/Indium/Tin-alloy 66/20.5/13.5%/ Eutectic alloy/ m.p. ca. 15°C/ 99.99+%		50 g
Powders	902292-100	Gallium/Indium/Tin-alloy 66/20.5/13.5%/ Eutectic alloy/ m.p. ca. 15°C/ 99.99+%		100 g

## Gold/Germanium

Granules	900746-1	Gold/ Germanium 88/12 wt% Granules < 3 mm/ 99.99% (metals basis)		1 g
Granules	900746-5	Gold/ Germanium 88/12 wt% Granules < 3 mm/ 99.99% (metals basis)		5 g
Granules	900746-10	Gold/ Germanium 88/12 wt% Granules < 3 mm/ 99.99% (metals basis)		10 g

## Indium/Bismuth

Rods	901887-100	Indium/Bismuth 66.3/33.7 Rod 6 mm	Eutectic alloy/ m.p. 72/ solder for HTSC	100 g
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## Iron/Cobalt

Wires	904389-500	Iron/Cobalt 90/10 wt% Wire 0.5 mm diameter	Fe 99.99% / Co 99.95%	500 mm
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## Iron/Nickel

Wires	904388-500	Iron/Nickel 90/10 wt% Wire 0.5 mm diameter	Fe 99.99% / Ni 99.98%	500 mm
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## Lead/Antimony

Granules	900580-250	Lead/ Antimony alloy, 2.5-3.5% Sb, shot 2-3 mm		500 g
Granules	900580-1	Lead/ Antimony alloy, 2.5-3.5% Sb, shot 2-3 mm		1 kg
Granules	900580-2,5	Lead/ Antimony alloy, 2.5-3.5% Sb, shot 2-3 mm		2,5 kg

Shape	Product Code	Product Description	Details	Unit
<b>Niobium/Zirconium</b>				
Wires	902433-1	Niobium/Zirconium-99/1 Wire 0.5 mm diameter		1 m
Wires	902433-10	Niobium/Zirconium-99/1 Wire 0.5 mm diameter		10 m
Wires	902433-50	Niobium/Zirconium-99/1 Wire 0.5 mm diameter		50 m
Wires	903034-1	Niobium/Zirconium-99/1 Wire 0.8 mm diameter		1 m
Wires	903034-10	Niobium/Zirconium-99/1 Wire 0.8 mm diameter		10 m
Wires	903034-25	Niobium/Zirconium-99/1 Wire 0.8 mm diameter		25 m
Wires	903018-5	Niobium/Zirconium-99/1 Wire 1 mm diameter		5 m
Wires	903018-25	Niobium/Zirconium-99/1 Wire 1 mm diameter		25 m
Wires	904089-1	Niobium/Zirconium-99/1 Wire 2 mm diameter		1 m
Wires	904089-5	Niobium/Zirconium-99/1 Wire 2 mm diameter		5 m

### Platinum/Ruthenium

Granules	904630-1	Platinum Ruthenium Granules <1 mm 50:50/ 99.9% (metals basis)		1 g
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### Platinum/Rhodium

Foils	009338-25X80	Platinum/Rhodium 80/20 Foil 0.1 mm/ 99.9+% (metals basis)	(ca. 3.93 g/25 x 80 mm)	25x80 mm
Foils	009338-50X80	Platinum/Rhodium 80/20 Foil 0.1 mm/ 99.9+% (metals basis)	(ca. 7.86 g/50 x 80 mm)	50x80 mm
Foils	009338-100X80	Platinum/Rhodium 80/20 Foil 0.1 mm/ 99.9+% (metals basis)	(ca. 15.7 g/100 x 80 mm)	100x80 mm

### Platinum/Iridium

Wires	903520-1	Platinum/Iridium 70/30 wire 0.1 mm diameter/ 99.9+% (metals basis)	(ca. 0.17 g/m)	1 m
Wires	903520-5	Platinum/Iridium 70/30 wire 0.1 mm diameter/ 99.9+% (metals basis)	(ca. 0.17 g/m)	5 m
Wires	902071-25	Platinum/Iridium 70/30 wire 0.25 mm diameter/ 99.9+% (metals basis)	(ca. 1.07 g/m)	25 cm
Wires	902071-1	Platinum/Iridium 70/30 wire 0.25 mm diameter/ 99.9+% (metals basis)	(ca. 1.07 g/m)	1 m
Wires	901281-10	Platinum/Iridium 80/20 wire 0.25 mm diameter/ 99.9+% (metals basis)	(ca. 1.06 g/m)	10 cm
Wires	901281-50	Platinum/Iridium 80/20 wire 0.25 mm diameter/ 99.9+% (metals basis)	(ca. 1.06 g/m)	50 cm
Wires	901281-1	Platinum/Iridium 80/20 wire 0.25 mm diameter/ 99.9+% (metals basis)	(ca. 1.06 g/m)	1 m
Wires	901739-10	Platinum/Iridium 80/20 wire 0.5 mm diameter/ 99.9+% (metals basis)	(ca. 4.3 g/m)	10 cm
Wires	901739-50	Platinum/Iridium 80/20 wire 0.5 mm diameter/ 99.9+% (metals basis)	(ca. 4.3 g/m)	50 cm
Wires	903770-15	Platinum/Iridium 90/10 wire 0.015 mm diameter/ 99.9+% (metals basis)	(ca. 0.0038 g/m)	15 m
Wires	902390-1	Platinum/Iridium 90/10 wire 0.1 mm diameter/ 99.9+% (metals basis)	(ca. 0.17 g/m)	1 m
Wires	902390-10	Platinum/Iridium 90/10 wire 0.1 mm diameter/ 99.9+% (metals basis)	(ca. 0.17 g/m)	10 m
Wires	902468-25	Platinum/Iridium 90/10 wire 0.2 mm diameter/ 99.9+% (metals basis)	(ca. 0.68 g/m)	25 cm



Shape	Product Code	Product Description	Details	Unit
Wires	902468-1	Platinum/Iridium 90/10 wire 0.2 mm diameter/ 99.9+% (metals basis)	(ca. 0.68 g/m)	1 m
Wires	900818-25	Platinum/Iridium 90/10 wire 0.25 mm diameter/ 99.9+% (metals basis)	(ca. 1.06 g/m)	25 cm
Wires	900818-1	Platinum/Iridium 90/10 wire 0.25 mm diameter/ 99.9+% (metals basis)	(ca. 1.06 g/m)	1 m
Wires	903928-25	Platinum/Iridium 90/10 wire 0.25 mm diameter, aligned/ 99.9+% (metals basis)	(ca. 1.06 g/m)	25 cm
Wires	903928-1	Platinum/Iridium 90/10 wire 0.25 mm diameter, aligned/ 99.9+% (metals basis)	(ca. 1.06 g/m)	1 m
Wires	902931-25	Platinum/Iridium 90/10 wire 0.3 mm diameter/ 99.9+% (metals basis)	(ca. 1.5 g/m)	25 cm
Wires	902931-1	Platinum/Iridium 90/10 wire 0.3 mm diameter/ 99.9+% (metals basis)	(ca. 1.5 g/m)	1 m
Wires	902908-25	Platinum/Iridium 90/10 wire 0.4 mm diameter/ 99.9+% (metals basis)	(ca. 2.7 g/m)	25 cm
Wires	902908-1	Platinum/Iridium 90/10 wire 0.4 mm diameter/ 99.9+% (metals basis)	(ca. 2.7 g/m)	1 m
Wires	901134-10	Platinum/Iridium 90/10 wire 0.5 mm diameter/ 99.9+% (metals basis)	(ca. 4.2 g/m)	10 cm
Wires	901134-25	Platinum/Iridium 90/10 wire 0.5 mm diameter/ 99.9+% (metals basis)	(ca. 4.2 g/m)	25 cm
Wires	901134-1	Platinum/Iridium 90/10 wire 0.5 mm diameter/ 99.9+% (metals basis)	(ca. 4.2 g/m)	1 m
Wires	902932-10	Platinum/Iridium 90/10 wire 0.6 mm diameter/ 99.9+% (metals basis)	(ca. 6.1 g/m)	10 cm
Wires	902932-25	Platinum/Iridium 90/10 wire 0.6 mm diameter/ 99.9+% (metals basis)	(ca. 6.1 g/m)	25 cm
Wires	902932-1	Platinum/Iridium 90/10 wire 0.6 mm diameter/ 99.9+% (metals basis)	(ca. 6.1 g/m)	1 m
Wires	902310-10	Platinum/Iridium 90/10 wire 0.8 mm diameter (99.9+% metals basis)	(ca. 10.8 g/m)	10 cm
Wires	902310-50	Platinum/Iridium 90/10 wire 0.8 mm diameter (99.9+% metals basis)	(ca. 10.8 g/m)	50 cm
Wires	900817-5	Platinum/Iridium 90/10 wire 1.0 mm diameter (99.9+% metals basis)	(ca. 16.9 g/m)	5 cm
Wires	900817-25	Platinum/Iridium 90/10 wire 1.0 mm diameter (99.9+% metals basis)	(ca. 16.9 g/m)	25 cm
Wires	900817-1	Platinum/Iridium 90/10 wire 1.0 mm diameter (99.9+% metals basis)	(ca. 16.9 g/m)	1 m
Wires	902480-5	Platinum/Iridium 90/10 rod 2 mm diameter/ 99.9+% (metals basis)	(ca. 0.68 g/cm)	5 cm
Wires	902480-25	Platinum/Iridium 90/10 rod 2 mm diameter/ 99.9+% (metals basis)	(ca. 0.68 g/cm)	25 cm

Shape	Product Code	Product Description	Details	Unit
<b>Platinum/Rhodium</b>				
Wires	902365-25	Platinum/Rhodium 90/10 wire 0.25 mm diameter/ 99.9+% (metals basis)	(ca. 1.01 g/m)	25 cm
Wires	902365-1	Platinum/Rhodium 90/10 wire 0.25 mm diameter/ 99.9+% (metals basis)	(ca. 1.01 g/m)	1 m
Wires	902365-2,5	Platinum/Rhodium 90/10 wire 0.25 mm diameter/ 99.9+% (metals basis)	(ca. 1.01 g/m)	2,5 m
Wires	902291-10	Platinum/Rhodium 90/10 wire 0.5 mm diameter/ 99.9+% (metals basis)	(ca. 4.0 g/m)	10 cm
Wires	902291-25	Platinum/Rhodium 90/10 wire 0.5 mm diameter/ 99.9+% (metals basis)	(ca. 4.0 g/m)	25 cm
Wires	902291-1	Platinum/Rhodium 90/10 wire 0.5 mm diameter/ 99.9+% (metals basis)	(ca. 4.0 g/m)	1 m

### Platinum/Tungsten

Wires	902950-25	Platinum/Tungsten 92/8 wire 0.225 mm diameter/ 99.9+% (metals basis)	(ca. 0.85 g/m)	25 cm
Wires	902950-1	Platinum/Tungsten 92/8 wire 0.225 mm diameter/ 99.9+% (metals basis)	(ca. 0.85 g/m)	1 m
Wires	902950-2,5	Platinum/Tungsten 92/8 wire 0.225 mm diameter/ 99.9+% (metals basis)	(ca. 0.85 g/m)	2,5 m

### Titanium/Aluminium/Vanadium

Powders	902493-100	Titanium Aluminium Vanadium Ti-6Al-4V Powder spherical 45-75 micron/ Grade 5	(Ti6Al4V, Ti90/Al 6/V 4)	100 g
Powders	902494-100	Titanium Aluminium Vanadium Ti-6Al-4V Powder spherical 75-125 micron	(Ti6Al4V, Ti90/Al 6/V 4)	100 g

## Thermocouple Wires

Shape	Product Code	Product Description	Details	Unit
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### Nickel/Chromium

Thermocouple Wires	01.880.401-50	Nickel/Chromium Wire 0.1 mm diameter (non insulated)	for Nickel-Nickel/Chromium Thermocouple Type K	50 m
Thermocouple Wires	01.880.402-50	Nickel/Chromium Wire 0.2 mm diameter (non insulated)	for Nickel-Nickel/Chromium Thermocouple Type K	50 m
Thermocouple Wires	01.880.403-50	Nickel/Chromium Wire 0.3 mm diameter (non insulated)	for Nickel-Nickel/Chromium Thermocouple Type K	50 m
Thermocouple Wires	01.880.405-50	Nickel/Chromium Wire 0.5 mm diameter (non insulated)	for Nickel-Nickel/Chromium Thermocouple Type K	50 m

### Nickel

Thermocouple Wires	01.880.451-50	Nickel Wire 0.1 mm diameter (non insulated)	for Nickel-Nickel/Chromium Thermocouple Type K	50 m
Thermocouple Wires	01.880.452-50	Nickel Wire 0.2 mm diameter (non insulated)	for Nickel-Nickel/Chromium Thermocouple Type K	50 m
Thermocouple Wires	01.880.453-50	Nickel Wire 0.3 mm diameter (non insulated)	for Nickel-Nickel/Chromium Thermocouple Type K	50 m
Thermocouple Wires	01.880.455-50	Nickel Wire 0.5 mm diameter (non insulated)	for Nickel-Nickel/Chromium Thermocouple Type K	50 m

### Nickel/Chromium-Nickel

Thermocouple Wires	32.230.283-50	Nickel/Chromium-Nickel Thermocouple Wire 0.2 mm wire diameter 0.4 x 0.8 mm (glass silk insulated)		50 m
Thermocouple Wires	32.230.285-50	Nickel/Chromium-Nickel Thermocouple Wire 0.3 mm wire diameter 1.2 x 2.3 mm (glass silk insulated)		50 m
Thermocouple Wires	32.230.289-50	Nickel/Chromium-Nickel Thermocouple Wire 0.5 mm wire diameter 1.4 x 2.4 mm (glass silk insulated)		50 m

Shape	Product Code	Product Description	Details	Unit
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### Platinum/Platinum-Rhodium

Thermocouple Wires	32.236.020-1	Platinum/Platinum-Rhodium 90/10 Thermocouple Wire 0.2 mm diameter Type S	max. temperature 1350-1600 °C	1 m
Thermocouple Wires	32.236.030-1	Platinum/Platinum-Rhodium 90/10 Thermocouple Wire 0.3 mm diameter Type S	max. temperature 1350-1600 °C	1 m
Thermocouple Wires	32.236.035-1	Platinum/Platinum-Rhodium 90/10 Thermocouple Wire 0.35 mm diameter Type S	max. temperature 1350-1600 °C	1 m
Thermocouple Wires	32.236.050-1	Platinum/Platinum-Rhodium 90/10 Thermocouple Wire 0.5 mm diameter Type S	max. temperature 1350-1600 °C	1 m

### Platinum/Rhodium

Thermocouple Wires	32.239.035-1	Platinum/Rhodium 94/6 - Platinum/Rhodium 70/30 Thermocouple Wire 0.35 mm Type B	max. temperature 1600-1800 °C	1 m
Thermocouple Wires	32.239.050-1	Platinum/Rhodium 94/6 - Platinum/Rhodium 70/30 Thermocouple Wire 0.5 mm Type B	max. temperature 1600-1800 °C	1 m

### Tungsten/Rhenium

Thermocouple Wires	32.242.125-1	Tungsten/Rhenium W/Re 97/3 - W/Re 75/25 Thermocouple Wire 0.125 mm diameter	max. temperature 2400 °C	1 m
Thermocouple Wires	32.242.025-1	Tungsten/Rhenium W/Re 97/3 - W/Re 75/25 Thermocouple Wire 0.25 mm diameter	max. temperature 2400 °C	1 m
Thermocouple Wires	21.242.050-1	Tungsten/Rhenium W/Re 97/3 - W/Re 75/25 Thermocouple Wire 0.5 mm diameter	max. temperature 2400 °C	1 m



# Laborgeräte aus Platin und Platin-Legierungen

Hohe chemische Beständigkeit, thermische Stabilität und Korrosionsfestigkeit zeichnen unser praxisgerechtes Platin-Laborgeräte-Programm aus. Unverzichtbar für den Einsatz bei vielen chemisch-physikalischen Untersuchungen, sowie bei der Röntgenfluoreszenzanalyse (RFA).

Die am Häufigsten benötigten Schalen, Tiegel, Deckel, Tiegelzangen, Elektroden und Schiffchen sind standardisiert. Zur Vermeidung von mechanischen Deformationen liefern wir Tiegel und Schalen in unterschiedlichen Blechdicken und mit verstärktem Rand.

Alle Schalen sind mit und ohne Ausguss verfügbar. Sonderformen für verschiedene, zum Teil genormte Analysemethoden gehören ebenfalls zu unserem Lieferprogramm.

Kundenspezifische Sonderanfertigungen für besondere Anwendungen liefern wir gerne nach Ihren Vorgaben.

Unsere Gesamtübersicht an Laborgeräten aus Platin und Platinlegierungen mit Abmessungen und Gewichten finden Sie auf unserer Homepage unter [www.chempur.de](http://www.chempur.de)

Hinweise für die Handhabung und Pflege der Platin-Geräte senden wir Ihnen gerne zu.



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# GHS Gefahrensymbole/GHS Hazard Pictograms



**GHS01**

Explodierende Bombe  
Exploding bomb

Gefahr: Explosionsgefahr  
Danger: Explosive



**GHS02**

Flamme  
Flame

Gefahr oder Achtung: Entzündlich  
Danger or Warning: Flammable



**GHS03**

Flamme über Kreis  
Flame over circle

Gefahr oder Achtung: Brandfördernd  
Danger or Warning: Oxidizing



**GHS04**

Gasflasche  
Gas cylinder

Achtung: Komprimierte Gase  
Warning: Compressed gas



**GHS05**

Ätzwirkung  
Corrosion

Gefahr oder Achtung: Ätzend  
Danger or Warning: Corrosive



**GHS06**

Totenkopf mit gekreuzten Knochen  
Skull and crossbones

Gefahr: Giftig  
Danger: Toxic



**GHS07**

Ausrufezeichen  
Exclamation mark

Achtung:  
Gesundheitsschädlich, Reizend  
Warning: Harmful or Irritant



**GHS08**

Gesundheitsgefahr  
Health hazard

Gefahr oder Achtung:  
Gesundheitsgefährlich  
Danger or Warning: Health hazard



**GHS09**

Umwelt  
Environment

Achtung: Umweltgefährlich  
Warning: Environmental hazard

# GHS-Gefahrensätze

H-Codierungen	H-Sätze	H-Codierungen	H-Sätze	H-Codierungen	H-Sätze
H200	Instabil, explosiv.	H271	Kann Brand oder Explosion verursachen; starkes Oxidationsmittel.	H361	Kann vermutlich die Fruchtbarkeit beeinträchtigen oder das Kind im Mutterleib schädigen.
H201	Explosiv, Gefahr der Massenexplosion.	H272	Kann Brand verstärken; Oxidationsmittel.	H362	Kann Säuglinge über die Muttermilch schädigen.
H202	Explosiv; große Gefahr durch Splitter, Spreng- und Wurfstücke.	H280	Enthält Gas unter Druck; kann bei Erwärmung explodieren.	H370	Schädigt die Organe.
H203	Explosiv; Gefahr durch Feuer, Luftdruck oder Splitter, Spreng- und Wurfstücke.	H281	Enthält tiefgekühltes Gas; kann Kälteverbrennungen oder -verletzungen verursachen.	H371	Kann die Organe schädigen.
H204	Gefahr durch Feuer oder Splitter, Spreng- und Wurfstücke.	H290	Kann gegenüber Metallen korrosiv sein.	H372	Schädigt die Organe bei längerer oder wiederholter Exposition.
H205	Gefahr der Massenexplosion bei Feuer.	H300	Lebensgefährlich bei Verschlucken.	H373	Kann die Organe schädigen bei längerer oder wiederholter Exposition.
H220	Extrem entzündbares Gas.	H301	Giftig bei Verschlucken.	H300 + H310	Lebensgefahr bei Verschlucken oder Hautkontakt.
H221	Entzündbares Gas.	H302	Gesundheitsschädlich bei Verschlucken.	H300 + H330	Lebensgefahr bei Verschlucken oder Einatmen.
H222	Extrem entzündbares Aerosol.	H304	Kann bei Verschlucken und Eindringen in die Atemwege tödlich sein.	H310 + H330	Lebensgefahr bei Hautkontakt oder Einatmen.
H223	Entzündbares Aerosol.	H310	Lebensgefahr bei Hautkontakt.	H300 + H310 + H330	Lebensgefahr bei Verschlucken, Hautkontakt oder Einatmen.
H224	Flüssigkeit und Dampf extrem entzündbar.	H311	Giftig bei Hautkontakt.	H301 + H311	Giftig bei Verschlucken oder Hautkontakt.
H225	Flüssigkeit und Dampf leicht entzündbar.	H312	Gesundheitsschädlich bei Hautkontakt.	H301 + H331	Giftig bei Verschlucken oder Einatmen.
H226	Flüssigkeit und Dampf entzündbar.	H314	Verursacht schwere Verätzungen der Haut und schwere Augenschäden.	H311 + H331	Giftig bei Hautkontakt oder Einatmen.
H228	Entzündbarer Feststoff.	H315	Verursacht Hautreizungen.	H301 + H311 + H331	Giftig bei Verschlucken, Hautkontakt oder Einatmen.
H229	Behälter steht unter Druck: kann bei Erwärmung bersten.	H317	Kann allergische Hautreaktionen verursachen.	H302 + H312	Gesundheitsschädlich bei Verschlucken oder Hautkontakt.
H230	Kann auch in Abwesenheit von Luft explosionsartig reagieren.	H318	Verursacht schwere Augenschäden. (entfällt, wenn auch H314)	H302 + H332	Gesundheitsschädlich bei Verschlucken oder Einatmen.
H231	Kann auch in Abwesenheit von Luft bei erhöhtem Druck und/oder erhöhter Temperatur explosionsartig reagieren.	H319	Verursacht schwere Augenreizung.	H312 + H332	Gesundheitsschädlich bei Hautkontakt oder Einatmen.
H240	Erwärmung kann Explosion verursachen.	H330	Lebensgefahr bei Einatmen.	H302 + H312 + H332	Gesundheitsschädlich bei Verschlucken, Hautkontakt oder Einatmen.
H241	Erwärmung kann Brand oder Explosion verursachen.	H331	Giftig bei Einatmen.	H400	Sehr giftig für Wasserorganismen. (entfällt, wenn auch H410)
H242	Erwärmung kann Brand verursachen.	H332	Gesundheitsschädlich bei Einatmen.	H410	Sehr giftig für Wasserorganismen, mit langfristiger Wirkung.
H250	Entzündet sich in Berührung mit Luft von selbst.	H334	Kann bei Einatmen Allergie, asthmaartige Symptome oder Atembeschwerden verursachen.	H411	Giftig für Wasserorganismen, mit langfristiger Wirkung.
H251	Selbsterhitzungsfähig, kann sich selbst erhitzen; kann in Brand geraten.	H335	Kann die Atemwege reizen.	H412	Schädlich für Wasserorganismen, mit langfristiger Wirkung.
H252	In großen Mengen selbsterhitzungsfähig; kann in Brand geraten.	H336	Kann Schläfrigkeit und Benommenheit verursachen.	H413	Kann für Wasserorganismen schädlich sein, mit langfristiger Wirkung.
H260	In Berührung mit Wasser entstehen entzündbare Gase, die sich spontan entzünden können.	H340	Kann genetische Defekte verursachen.	H420	Schädigt die öffentliche Gesundheit und die Umwelt durch Ozonabbau in der äußeren Atmosphäre.
H261	In Berührung mit Wasser entstehen entzündbare Gase.	H341	Kann vermutlich genetische Defekte verursachen.		
H270	Kann Brand verursachen oder verstärken; Oxidationsmittel.	H350	Kann Krebs erzeugen.		
		H351	Kann vermutlich Krebs erzeugen.		
		H360	Kann die Fruchtbarkeit beeinträchtigen oder das Kind im Mutterleib schädigen.		



<b>EUH-Codierungen</b>	<b>EUH-Sätze (gültig in allen Ländern der EU)</b>	<b>EUH-Codierungen</b>	<b>EUH-Sätze (gültig in allen Ländern der EU)</b>
EUH001	In trockenem Zustand explosiv.	EUH209	Kann bei Verwendung leicht entzündbar werden.
EUH014	Reagiert heftig mit Wasser.	EUH209A	Kann bei Verwendung entzündbar werden.
EUH018	Kann bei Verwendung explosionsfähige/entzündbare Dampf/Luft-Gemische bilden.	EUH210	Sicherheitsdatenblatt auf Anfrage erhältlich.
EUH019	Kann explosionsfähige Peroxide bilden.	EUH401	Zur Vermeidung von Risiken für Mensch und Umwelt die Gebrauchsanleitung einhalten.
EUH029	Entwickelt bei Berührung mit Wasser giftige Gase.	H350i	Kann beim Einatmen Krebs erzeugen.
EUH031	Entwickelt bei Berührung mit Säure giftige Gase.	H360F	Kann die Fruchtbarkeit beeinträchtigen.
EUH032	Entwickelt bei Berührung mit Säure sehr giftige Gase.	H360D	Kann das Kind im Mutterleib schädigen.
EUH044	Explosionsgefahr bei Erhitzen unter Einschluss.	H361f	Kann vermutlich die Fruchtbarkeit beeinträchtigen.
EUH066	Wiederholter Kontakt kann zu spröder oder rissiger Haut führen.	H361d	Kann vermutlich das Kind im Mutterleib schädigen.
EUH070	Giftig bei Berührung mit den Augen.	H360FD	Kann die Fruchtbarkeit beeinträchtigen. Kann das Kind im Mutterleib schädigen.
EUH071	Wirkt ätzend auf die Atemwege.	H361fd	Kann vermutlich die Fruchtbarkeit beeinträchtigen. Kann vermutlich das Kind im Mutterleib schädigen.
EUH201	Enthält Blei. Nicht für den Anstrich von Gegenständen verwenden, die von Kindern gekaut oder gelutscht werden könnten.	H360Fd	Kann die Fruchtbarkeit beeinträchtigen. Kann vermutlich das Kind im Mutterleib schädigen.
EUH201A	Achtung! Enthält Blei.	H360Df	Kann das Kind im Mutterleib schädigen. Kann vermutlich die Fruchtbarkeit beeinträchtigen.
EUH202	Cyanacrylat. Gefahr. Klebt innerhalb von Sekunden Haut und Augenlider zusammen. Darf nicht in die Hände von Kindern gelangen.		
EUH203	Enthält Chrom (VI). Kann allergische Reaktionen hervorrufen.		
EUH204	Enthält Isocyanate. Kann allergische Reaktionen hervorrufen.		
EUH205	Enthält epoxidhaltige Verbindungen. Kann allergische Reaktionen hervorrufen..		
EUH206	Achtung! Nicht zusammen mit anderen Produkten verwenden, da gefährliche Gase (Chlor) freigesetzt werden können.		
EUH207	Achtung! Enthält Cadmium. Bei der Verwendung entstehen gefährliche Dämpfe. Hinweise des Herstellers beachten. Sicherheitsanweisungen einhalten.		
EUH208	Enthält (Name des sensibilisierenden Stoffes). Kann allergische Reaktionen hervorrufen. (EUH08 kann entfallen, falls EUH04 oder EUH 205 erforderlich ist.)		

# GHS-Gefahrensätze

P-Codierungen	P-Sätze	P-Codierungen	P-Sätze	P-Codierungen	P-Sätze
P101	Ist ärztlicher Rat erforderlich, Verpackung oder Kennzeichnungsetikett bereithalten.	P262	Nicht in die Augen, auf die Haut oder auf die Kleidung gelangen lassen.	P320	Besondere Behandlung dringend erforderlich (siehe ... auf diesem Kennzeichnungsetikett).
P102	Darf nicht in die Hände von Kindern gelangen.	P263	Berührung während Schwangerschaft und Stillzeit vermeiden.	P321	Besondere Behandlung (siehe ... auf diesem Kennzeichnungsetikett).
P103	Vor Gebrauch Kennzeichnungsetikett lesen.	P264	Nach Handhabung ... gründlich waschen.	P330	Mund ausspülen.
P201	Vor Gebrauch besondere Anweisungen einholen.	P270	Bei Gebrauch nicht essen, trinken oder rauchen.	P331	KEIN Erbrechen herbeiführen.
P202	Vor Gebrauch alle Sicherheitsratschläge lesen und verstehen.	P271	Nur im Freien oder in gut belüfteten Räumen verwenden.	P332	Bei Hautreizung:
P210	Von Hitze, heißen Oberflächen, Funken, offenen Flammen und anderen Zündquellen fernhalten. Nicht rauchen.	P272	Kontaminierte Arbeitskleidung nicht außerhalb des Arbeitsplatzes tragen.	P333	Bei Hautreizung oder -auschlag:
P211	Nicht gegen offene Flamme oder andere Zündquelle sprühen.	P273	Freisetzung in die Umwelt vermeiden.	P334	In kaltes Wasser tauchen [oder nassen Verband anlegen].
P220	Von Kleidung und anderen brennbaren Materialien fernhalten.	P280	Schutzhandschuhe/Schutzkleidung/Augenschutz/Gesichtsschutz tragen.	P335	Lose Partikel von der Haut abbürsten.
P222	Keinen Kontakt mit Luft zulassen.	P282	Schutzhandschuhe mit Kälteisolierung/Gesichtsschild/Augenschutz tragen.	P336	Vereiste Bereiche mit lauwarmem Wasser auftauen. Betroffenen Bereich nicht reiben.
P223	Keinen Kontakt mit Wasser zulassen.	P283	Schwer entflammbare oder flammhemmende Kleidung tragen.	P337	Bei anhaltender Augenreizung: Eventuell vorhandene Kontaktlinsen nach Möglichkeit entfernen. Weiter ausspülen.
P230	Feucht halten mit ...	P284	[Bei unzureichender Lüftung] Atemschutz tragen.	P338	Die betroffene Person an die frische Luft bringen und für ungehinderte Atmung sorgen.
P231	Inhalt unter inertem Gas/... handhaben und aufbewahren.	P231 + P232	Inhalt unter inertem Gas/... handhaben und aufbewahren. Vor Feuchtigkeit schützen.	P340	Bei Symptomen der Atemwege:
P232	Vor Feuchtigkeit schützen.	P301	BEI VERSCHLUCKEN:	P342	Bei Symptomen der Atemwege:
P233	Behälter dicht verschlossen halten.	P302	BEI BERÜHRUNG MIT DER HAUT:	P351	Einige Minuten lang behutsam mit Wasser ausspülen.
P234	Nur in Originalverpackung aufbewahren.	P303	BEI BERÜHRUNG MIT DER HAUT (oder dem Haar):	P352	Mit viel Wasser/... waschen.
P235	Kühl halten.	P304	BEI EINATMEN:	P353	Haut mit Wasser abwaschen [oder duschen].
P240	Behälter und zu befüllende Anlage erden.	P305	BEI KONTAKT MIT DEN AUGEN:	P360	Kontaminierte Kleidung und Haut sofort mit viel Wasser abwaschen und danach Kleidung ausziehen.
P241	Explosionsgeschützte [elektrische/Lüftungs-/Beleuchtungs-...] Geräte verwenden.	P306	BEI KONTAKT MIT DER KLEIDUNG:	P361	Alle kontaminierten Kleidungsstücke sofort ausziehen.
P242	Funkkenarmes Werkzeug verwenden	P308	BEI Exposition oder falls betroffen:	P362	Kontaminierte Kleidung ausziehen.
P243	Maßnahmen gegen elektrostatische Entladungen treffen.	P310	Sofort GIFTINFORMATIONSZENTRUM/Arzt/... anrufen.	P363	Kontaminierte Kleidung vor erneutem Tragen waschen.
P244	Ventile und Ausrüstungsteile öl- und fettfrei halten.	P311	GIFTINFORMATIONSZENTRUM/Arzt/... anrufen.	P364	Und vor erneutem Tragen waschen.
P250	Nicht schleifen/stoßen/reiben/....	P312	Bei Unwohlsein GIFTINFORMATIONSZENTRUM/Arzt/... anrufen.	P370	Bei Brand:
P251	Nicht durchstechen oder verbrennen, auch nicht nach Gebrauch.	P313	Ärztlichen Rat einholen / ärztliche Hilfe hinzuziehen.	P371	Bei Großbrand und großen Mengen:
P260	Staub/Rauch/Gas/Nebel/Dampf/Aerosol nicht einatmen.	P314	Bei Unwohlsein ärztlichen Rat einholen / ärztliche Hilfe hinzuziehen.	P372	Explosionsgefahr.
P261	Einatmen von Staub/Rauch/Gas/Nebel/Dampf/Aerosol vermeiden.	P315	Sofort ärztlichen Rat einholen / ärztliche Hilfe hinzuziehen.	P373	KEINE Brandbekämpfung, wenn das Feuer explosive Stoffe/Gemische/ bzw. Erzeugnisse erreicht.
				P375	Wegen Explosionsgefahr Brand aus der Entfernung bekämpfen.

P-Codierungen	P-Sätze	P-Codierungen	P-Sätze	P-Codierungen	P-Sätze
P376	Undichtigkeit beseitigen, wenn gefahrlos möglich.	P308 + P313	Bei Exposition oder falls betroffen: Ärztlichen Rat einholen/ärztliche Hilfe hinzuziehen.	P404	In einem geschlossenen Behälter aufbewahren.
P377	Brand von ausströmendem Gas: Nicht löschen, bis Undichtigkeit gefahrlos beseitigt werden kann.	P332 + P313	Bei Hautreizung: Ärztlichen Rat einholen/ärztliche Hilfe hinzuziehen.	P405	Unter Verschluss aufbewahren.
P378	... zum Löschen verwenden.	P333 + P313	Bei Hautreizung oder -ausschlag: Ärztlichen Rat einholen/ärztliche Hilfe hinzuziehen.	P406	In korrosionsbeständigem/... Behälter mit korrosionsbeständiger Innenauskleidung aufbewahren.
P380	Umgebung räumen.	P336 + P315	Vereiste Bereiche mit lauwarmem Wasser auftauen. Betroffenen Bereich nicht reiben. Sofort ärztlichen Rat einholen/ärztliche Hilfe hinzuziehen.	P407	Luftspalt zwischen Stapeln oder Paletten lassen.
P381	Bei Undichtigkeit alle Zündquellen entfernen.	P337 + P313	Bei anhaltender Augenreizung: Ärztlichen Rat einholen/ärztliche Hilfe hinzuziehen.	P410	Vor Sonnenbestrahlung schützen.
P390	Ausgetretene Mengen zur Vermeidung von Materialschäden aufnehmen.	P342 + P311	Bei Symptomen der Atemwege: GIFTINFORMATIONSZENTRUM/Arzt/... anrufen.	P411	Bei Temperaturen nicht über ...°C/...°F aufbewahren.
P391	Ausgetretene Mengen auffangen.	P361 + P364	Alle kontaminierten Kleidungsstücke sofort ausziehen und vor erneutem Tragen waschen.	P412	Nicht Temperaturen über 50 °C/122 °F aussetzen.
P301 + P310	BEI VERSCHLUCKEN: Sofort GIFTINFORMATIONSZENTRUM/Arzt/... anrufen.	P362 + P364	Kontaminierte Kleidung ausziehen und vor erneutem Tragen waschen.	P413	Schüttgut in Mengen von mehr als ... kg/... lbs bei Temperaturen nicht über ... °C/... °F aufbewahren.
P301 + P312	BEI VERSCHLUCKEN: Bei Unwohlsein GIFTINFORMATIONSZENTRUM/Arzt/... anrufen.	P370 + P376	Bei Brand: Undichtigkeit beseitigen, wenn gefahrlos möglich.	P420	Getrennt aufbewahren.
P301 + P330 + P331	BEI VERSCHLUCKEN: Mund ausspülen. KEIN Erbrechen herbeiführen.	P370 + P378	Bei Brand: ... zum Löschen verwenden.	P402 + P404	An einem trockenen Ort aufbewahren. In einem geschlossenen Behälter aufbewahren.
P302 + P334	BEI BERÜHRUNG MIT DER HAUT: In kaltes Wasser tauchen oder nassen Verband anlegen.	P370 + P372 + P380 + P373	Bei Brand: Explosionsgefahr. Umgebung räumen. KEINE Brandbekämpfung, wenn das Feuer explosive Stoffe/Gemische/Erzeugnisse erreicht.	P403 + P233	An einem gut belüfteten Ort aufbewahren. Behälter dicht verschlossen halten.
P302 + P335 + P334	BEI BERÜHRUNG MIT DER HAUT: Lose Partikel von der Haut abbürsten. In kaltes Wasser tauchen [oder nassen Verband anlegen].	P370 + P380 + P375	Bei Brand: Umgebung räumen. Wegen Explosionsgefahr Brandbekämpfung aus der Entfernung.	P403 + P235	An einem gut belüfteten Ort aufbewahren. Kühl halten.
P302 + P352	BEI BERÜHRUNG MIT DER HAUT: Mit viel Wasser/... waschen.	P370 + P380 + P375	Bei Brand: Umgebung räumen. Wegen Explosionsgefahr Brand aus der Entfernung bekämpfen. [.. zum Löschen verwenden.] (Hinweis: Angabe in [...], falls Wasser nicht als Löschmittel geeignet ist)	P410 + P403	Vor Sonnenbestrahlung schützen. An einem gut belüfteten Ort aufbewahren.
P303 + P361 + P353	BEI BERÜHRUNG MIT DER HAUT (oder dem Haar): Alle kontaminierten Kleidungsstücke sofort ausziehen. Haut mit Wasser abwaschen [oder duschen].	P371 + P380 + P375	Bei Großbrand und großen Mengen: Umgebung räumen. Wegen Explosionsgefahr Brand aus der Entfernung bekämpfen.	P410 + P412	Vor Sonnenbestrahlung schützen. Nicht Temperaturen über 50 °C/ 122 °F aussetzen.
P304 + P340	BEI EINATMEN: Die Person an die frische Luft bringen und für ungehinderte Atmung sorgen.	P401	Aufbewahren gemäß ...	P501	Inhalt/Behälter ... zuführen.
P305 + P351 + P338	BEI KONTAKT MIT DEN AUGEN: Einige Minuten lang behutsam mit Wasser spülen. Eventuell vorhandene Kontaktlinsen nach Möglichkeit entfernen. Weiter spülen.	P402	An einem trockenen Ort aufbewahren.	P502	Informationen zur Wiederverwendung oder Wiederverwertung beim Hersteller oder Lieferanten erfragen.
P306 + P360	BEI KONTAKT MIT DER KLEIDUNG: Kontaminierte Kleidung und Haut sofort mit viel Wasser abwaschen und danach Kleidung ausziehen.	P403	An einem gut belüfteten Ort aufbewahren.		
P308 + P311	Bei Exposition oder falls betroffen: GIFTINFORMATIONSZENTRUM/Arzt/... anrufen.				

Stand: CLP-Verordnung vom 19. Mai 2016 (Verordnung (EU) 2016/918)

# EU-GHS Precautionary and Hazard Statements

H Codes	H Phrases	H Codes	H Phrases	H Codes	H Phrases
H200	Unstable explosives.	H304	May be fatal if swallowed and enters airways.	H302 + H312	Harmful if swallowed or in contact with skin.
H201	Explosive; mass explosion hazard.	H310	Fatal in contact with skin.	H302 + H332	Harmful if swallowed or if inhaled.
H202	Explosive, severe projection hazard.	H311	Toxic in contact with skin.	H312 + H332	Harmful in contact with skin or if inhaled.
H203	Explosive; fire, blast or projection hazard.	H312	Harmful in contact with skin.	H302 + H312 + H332	Harmful if swallowed, in contact with skin or if inhaled.
H204	Fire or projection hazard.	H314	Causes severe skin burns and eye damage.	H400	Very toxic to aquatic life.
H205	May mass explode in fire.	H315	Causes skin irritation.	H410	Very toxic to aquatic life with long lasting effects.
H220	Extremely flammable gas.	H317	May cause an allergic skin reaction.	H411	Toxic to aquatic life with long lasting effects.
H221	Flammable gas.	H318	Causes serious eye damage. (not needed beside H314)	H412	Harmful to aquatic life with long lasting effects.
H222	Extremely flammable aerosol.	H319	Causes serious eye irritation.	H413	May cause long lasting harmful effects to aquatic life.
H223	Flammable aerosol.	H330	Fatal if inhaled.	H420	Harms public health and the environment by destroying ozone in the upper atmosphere.
H224	Extremely flammable liquid and vapour.	H331	Toxic if inhaled.		
H225	Highly flammable liquid and vapour.	H332	Harmful if inhaled.		
H226	Flammable liquid and vapour.	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.		
H228	Flammable solid.	H335	May cause respiratory irritation.		
H229	Pressurised container: May burst if heated.	H336	May cause drowsiness or dizziness.		
H230	May react explosively even in the absence of air.	H340	May cause genetic defects.		
H231	May react explosively even in the absence of air at elevated pressure and/or temperature.	H341	Suspected of causing genetic defects.		
H240	Heating may cause an explosion.	H350	May cause cancer.		
H241	Heating may cause a fire or explosion.	H351	Suspected of causing cancer.		
H242	Heating may cause a fire.	H360	May damage fertility or the unborn child.		
H250	Catches fire spontaneously if exposed to air.	H361	Suspected of damaging fertility or the unborn child.		
H251	Self-heating: may catch fire.	H362	May cause harm to breast-fed children.		
H252	Self-heating in large quantities; may catch fire.	H370	Causes damage to organs.		
H260	In contact with water releases flammable gases which may ignite spontaneously.	H371	May cause damage to organs.		
H261	In contact with water releases flammable gases.	H372	Causes damage to organs through prolonged or repeated exposure.		
H270	May cause or intensify fire; oxidizer.	H373	May cause damage to organs through prolonged or repeated exposure.		
H271	May cause fire or explosion; strong oxidizer.	H300 + H310	Fatal if swallowed or in contact with skin.		
H272	May intensify fire; oxidizer.	H300 + H330	Fatal if swallowed or if inhaled.		
H280	Contains gas under pressure; may explode if heated.	H310 + H330	Fatal in contact with skin or if inhaled.		
H281	Contains refrigerated gas; may cause cryogenic burns or injury.	H300 + H310 + H330	Fatal if swallowed, in contact with skin or if inhaled.		
H290	May be corrosive to metals.	H301 + H311	Toxic if swallowed or in contact with skin.		
H300	Fatal if swallowed.	H301 + H331	Toxic if swallowed or if inhaled.		
H301	Toxic if swallowed.	H311 + H331	Toxic in contact with skin or if inhaled.		
H302	Harmful if swallowed.	H301 + H311 + H331	Toxic if swallowed, in contact with skin or if inhaled.		

<b>EUH Codes</b>	<b>EUH Phrases (valid in all countries within the EU)</b>
EUH001	Explosive when dry
EUH014	Reacts violently with water.
EUH018	In use may form flammable/explosive vapour-air mixture.
EUH019	May form explosive peroxides.
EUH029	Contact with water liberates toxic gas.
EUH031	Contact with acids liberates toxic gas.
EUH032	Contact with acids liberates very toxic gas.
EUH044	Risk of explosion if heated under confinement.
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH070	Toxic by eye contact
EUH071	Corrosive to the respiratory tract.
EUH201	Contains lead. Should not be used on surfaces liable to be chewed or sucked by children.
EUH201A	Warning! Contains lead.
EUH202	Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.
EUH203	Contains chromium (VI). May produce an allergic reaction.
EUH204	Contains isocyanates. May produce an allergic reaction.
EUH205	Contains epoxy constituents. May produce an allergic reaction.
EUH206	Warning! Do not use together with other products. May release dangerous gases (chlorine).
EUH207	Warning! Contains cadmium. Dangerous fumes are formed during use. See information supplied by the manufacturer. Comply with the safety instructions.
EUH208	Contains (name of sensitising substance). May produce an allergic reaction. (EUH08 may be omitted if EUH204 or EUH205 has to be applied.)
EUH209	Can become highly flammable in use.
EUH209A	Can become flammable in use.
EUH210	Safety data sheet available on request
EUH401	To avoid risks to human health and the environment, comply with the instructions for use.

according CLP regulation May 19, 2016 (Regulation (EU) 2016/918)

# The EU-GHS Precautionary and Hazard Statements

P Codes	P Phrases	P Codes	P Phrases	P Codes	P Phrases
P101	If medical advice is needed, have product container or label at hand.	P271	Use only outdoors or in a well-ventilated area.	P337	If eye irritation persists:
P102	Keep out of reach of children.	P272	Contaminated work clothing should not be allowed out of the workplace.	P338	Remove contact lenses, if present and easy to do. Continue rinsing.
P103	Read label before use.	P273	Avoid release to the environment.	P340	Remove person to fresh air and keep comfortable for breathing.
P201	Obtain special instructions before use.	P280	Wear protective gloves/protective clothing/eye protection/face protection.	P342	If experiencing respiratory symptoms:
P202	Do not handle until all safety precautions have been read and understood.	P282	Wear cold insulating gloves and either face shield or eye protection.	P351	Rinse cautiously with water for several minutes.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.	P283	Wear fire resistant or flame retardant clothing.	P352	Wash with plenty of water/...
P211	Do not spray on an open flame or other ignition source.	P284	[In case of inadequate ventilation] wear respiratory protection.	P353	Rinse skin with water [or shower].
P220	Keep away from clothing and other combustible materials.	P231 + P232	Handle and store contents under inert gas/... Protect from moisture.	P360	Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
P222	Do not allow contact with air.	P301	IF SWALLOWED:	P361	Take off immediately all contaminated clothing.
P223	Do not allow contact with water.	P302	IF ON SKIN:	P362	Take off contaminated clothing.
P230	Keep wetted with...	P303	IF ON SKIN (or hair):	P363	Wash contaminated clothing before reuse.
P231	Handle and store contents under inert gas/...	P304	IF INHALED:	P364	And wash it before reuse.
P232	Protect from moisture.	P305	IF IN EYES:	P370	In case of fire:
P233	Keep container tightly closed.	P306	IF ON CLOTHING:	P371	In case of major fire and large quantities:
P234	Keep only in original packaging.	P308	IF exposed or concerned:	P372	Explosion risk.
P235	Keep cool.	P310	Immediately call a POISON CENTER/doctor/...	P373	DO NOT fight fire when fire reaches explosives.
P240	Ground and bond container and receiving equipment.	P311	Call a POISON CENTER/doctor/...	P375	Fight fire remotely due to the risk of explosion.
P241	Use explosion-proof [electrical/ventilating/lighting/...] equipment.	P312	Call a POISON CENTER/doctor/... if you feel unwell.	P376	Stop leak if safe to do so.
P242	Use non-sparking tools.	P313	Get medical advice/attention.	P377	Leaking gas fire: Do not extinguish, unless leak can be stopped safely.
P243	Take action to prevent static discharges.	P314	Get medical advice/attention if you feel unwell.	P378	Use... to extinguish.
P244	Keep valves and fittings free from oil and grease.	P315	Get immediate medical advice/attention.	P380	Evacuate area.
P250	Do not subject to grinding/shock/friction/...	P320	Specific treatment is urgent (see... on this label).	P381	In case of leakage, eliminate all ignition sources.
P251	Do not pierce or burn, even after use.	P321	Specific treatment (see... on this label).	P390	Absorb spillage to prevent material damage.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.	P330	Rinse mouth.	P391	Collect spillage.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.	P331	Do NOT induce vomiting.	P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor/...
P262	Do not get in eyes, on skin, or on clothing.	P332	If skin irritation occurs:	P301 + P312	IF SWALLOWED: Call a POISON CENTER/doctor/... if you feel unwell.
P263	Avoid contact during pregnancy and while nursing.	P333	If skin irritation or rash occurs:	P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P264	Wash... thoroughly after handling.	P334	Immerse in cool water [or wrap in wet bandages].	P302 + P334	IF ON SKIN: Immerse in cool water [or wrap in wet bandages].
P270	Do no eat, drink or smoke when using this product.	P335	Brush off loose particles from skin.	P302 + P335 + P334	IF ON SKIN: Brush off loose particles from skin. Immerse in cool water [or wrap in wet bandages].
		P336	Thaw frosted parts with lukewarm water. Do no rub affected area.		

P Codes	P Phrases	P Codes	P Phrases
P302 + P352	IF ON SKIN: Wash with plenty of water/...	P370 + P380 + P375	Bei Großbrand und großen Mengen: Umgebung räumen. Wegen Explosionsgefahr Brand aus der Entfernung bekämpfen.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].	[ + P378]	In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion. [Use ... to extinguish].
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.	P371 + P380 + P375	In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	P401	Store in accordance with...
P306 + P360	IF ON CLOTHING: rinse immediately contaminated clothing and skin with plenty of water before removing clothes.	P402	Store in a dry place.
P308 + P311	IF exposed or concerned: Call a POISON CENTER/doctor/...	P403	Store in a well-ventilated place.
P308 + P313	IF exposed or concerned: Get medical advice/attention.	P404	Store in a closed container.
P332 + P313	If skin irritation occurs: Get medical advice/attention.	P405	Store locked up.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.	P406	Store in a corrosion resistant/... container with a resistant inner liner.
P336 + P315	Thaw frosted parts with lukewarm water. Do not rub affected area. Get immediate medical advice/attention.	P407	Maintain air gap between stacks or pallets.
P337 + P313	If eye irritation persists: Get medical advice/attention.	P410	Protect from sunlight.
P342 + P311	If experiencing respiratory symptoms: Call a POISON CENTER/doctor/...	P411	Store at temperatures not exceeding ...°C/...°F.
P361 + P364	Take off immediately all contaminated clothing and wash it before reuse.	P412	Do not expose to temperatures exceeding 50°C/ 122°F.
P362 + P364	Take off contaminated clothing and wash it before reuse.	P413	Store bulk masses greater than ... kg/... lbs at temperatures not exceeding ...°C/...°F.
P370 + P376	In case of fire: Stop leak if safe to do so.	P420	Store separately.
P370 + P378	In case of fire: Use ... to extinguish.	P402 + P404	Store in a dry place. Store in a closed container.
P370 + P372 + P380 +	Bei Brand: Explosionsgefahr. Umgebung räumen. KEINE Brandbekämpfung, wenn das Feuer explosive Stoffe/Gemische/Erzeugnisse erreicht.	P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P373	In case of fire: Explosion risk. Evacuate area. DO NOT fight fire when fire reaches explosives.	P403 + P235	Store in a well-ventilated place. Keep cool.
P370 + P380 + P375	In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion.	P410 + P403	Protect from sunlight. Store in a well-ventilated place.
		P410 + P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.
		P501	Dispose of contents/container to ...
		P502	Refer to manufacturer or supplier for information on recovery or recycling.

according CLP regulation May 19, 2016 (Regulation (EU) 2016/918)

# Elementeigenschaften/Properties of Selected Elements

Name <i>Element</i>	Symbol <i>Symbol</i>	Ordnungszahl <i>Atomic Number</i>	Atommasse <i>Atomic Weight</i> [u]	Dichte <i>Density</i> [g/cm <sup>3</sup> ]	Schmelzpunkt <i>Melting Point</i> [°C]	Siedepunkt <i>Boiling Point</i> [°C]	Wärmeleitfähigkeit <i>Heat Conductivity</i> [W/(m · K)] 27 °C
Actinium	Ac	89	227,0278	10,07	1050	3200	12
Aluminium	Al	13	26,981539	2,70	660,37	2467	237
Americium	Am	95	243,0614	13,67	1176	2607	10
Antimon / Antimony	Sb	51	121,75	6,684	630,5	1635	24,3
Argon	Ar	18	39,948	1,784	-189,37	-185,86	0,0177
Arsen / Arsenic	As	33	74,92159	5,727	613	817	50
Astat / Astatine	At	85	209,9871	8,75	302	337	1,7
Barium	Ba	56	137,327	3,62	725	1640	18
Berkelium	Bk	97	247,0703	14,78	986	2630	10
Beryllium	Be	4	9,012182	1,847	1278	2970	200
Bismut / Bismuth	Bi	83	208,98037	9,79	271,4	1560	7,87
Blei / Lead	Pb	82	207,2	11,342	327,5	1740	35,3
Bohrium	Bh	107	262,1229				
Bor / Boron	B	5	10,811	2,350	2100	2550 (sub.)	27
Brom / Bromine	Br	35	79,904	3,123	-7,25	58,78	0,12
Cadmium	Cd	48	112,411	8,65	320,9	765	96,8
Cäsium / Cesium	Cs	55	132,90543	1,878	28,4	690	35,9
Calcium	Ca	20	40,078	1,54	839	1487	200
Californium	Cf	98	251,0796	15,10	900	1472	10
Cer / Cerium	Ce	58	140,115	6,773	798	3470	11,4
Chlor / Chlorine	Cl	17	35,4527	3,214	-100,98	-34,06	0,009
Chrom / Chromium	Cr	24	51,9961	7,14	1907	2640	93,7
Copernicium	Cn	112	277				
Curium	Cm	96	247,0703	13,51	1340	3110	10
Darmstadtium	Ds	110	281				
Dubnium	Db	105	262,1138				58
Dysprosium	Dy	66	162,5	8,559	1409	2562	10,7
Einsteinium	Es	99	252,0829	8,84	860	996	10
Eisen / Iron	Fe	26	55,847	7,874	1535	2750	80,2
Erbium	Er	68	167,26	9,062	1529	2863	14,3
Europium	Eu	63	151,965	5,243	822	1597	14
Fermium	Fm	100	257,0951		1527		10
Flerovium	Fl	114	289				
Fluor / Fluorine	F	9	18,9984032	1,696	-219,62	-188,14	0,028
Francium	Fr	87	223,0197	2,50	27	677	14,5
Gadolinium	Gd	64	157,25	7,895	1311	3233	10,6
Gallium	Ga	31	69,723	5,904	29,8	2403	40,6
Germanium	Ge	32	72,61	5,323	937,4	2830	59,9
Gold	Au	79	196,96654	19,32	1064,43	2808	317
Hafnium	Hf	72	178,49	13,31	2227	4602	23



Elektrizitätsmodul <i>Modulus of Elasticity</i> [GPa]	Längenausdehnungskoeffizient <i>Coefficient of Linear Expansion</i> µm/(m·K)	Härte nach Mohs <i>Hardness Mohs</i>	Elektrische Leitfähigkeit <i>Electrical Conductivity</i> [MS/m]	Atomradius <i>Atomic Radius</i> [pm]	Kristallstruktur <i>Crystal Structure</i>	Entdeckung <i>Discovery</i>
25				187,8	cubic, face centered	1899
72	23,03	2,75	33,33	143,2	cubic, face centered	1825
		7,1	0,147	173		1944
55	8,5	3	2,5	145	rhombohedral	prehistoric
			Isolator	174	cubic, face centered	1894
8	4,7	3,5	3,03	124,5	rhombohedral	~1250
				145		1940
12,8	19,5	1,25	2,94	217,4	cubic, body centered	1808
				170		1949
320	11,5	5,5	25	111,3	hexagonal	1797
34	13,4	2,25	0,769	154,5	rhombohedral	1540
17	29,1	1,5	4,76	175	cubic, face centered	prehistoric
						1976
441	5	9,5		79,5	hexagonal	1808
	373		Isolator	114,5	orthorhombic	1826
50	29,8	2	14,3	151	hexagonal	1817
1,7	97	0,2	4,76	265,5	diamond	1860
20	1,19	1,75	29,4	197,4	cubic, face centered	1808
				186		1950
33,5	8,5	2,5	1,35	182,5	cubic, face centered	1803
			Isolator	99,4	tetragonal	1774
280	6,2	8,5	8,74	128	cubic, body centered	1797
						1996
			1,25			1944
						1994
						1967
63	10		1,08	178,1	hexagonal	1886
				203		1952
210	12,3	4	10,02	126	cubic, body centered	prehistoric
73	9,2		1,16	176,1	hexagonal	1842
15	32		1,11	204,2	cubic, body centered	1901
						1952
						1999
			Isolator	70,9	cubic	1886
			3	270	cubic, body centered	1939
56	8,6	~1,5	0,763	180,4	hexagonal	1880
9,8	18,1	1,5	7,14	122,1	orthorhombic	1875
80	5,57	6		122,5	diamond	1886
78	14,16	2,5	45,5	144,2	cubic, face centered	prehistoric
141	5,9	5,5	3,12	156,4	hexagonal	1923

# Elementeigenschaften/Properties of Selected Elements

Name <i>Element</i>	Symbol <i>Symbol</i>	Ordnungszahl <i>Atomic Number</i>	Atommasse <i>Atomic Weight</i>	Dichte <i>Density</i>	Schmelzpunkt <i>Melting Point</i>	Siedepunkt <i>Boiling Point</i>	Wärmeleitfähigkeit <i>Heat Conductivity</i>
			[u]	[g/cm <sup>3</sup> ]	[°C]	[°C]	[W/(m · K)] 27 °C
Hassium	⚠ Hs	108	265				
Helium	He	2	4,002602	0,1785	-272,2	-268,94	0,152
Holmium	Ho	67	164,93032	8,795	1470	2695	16,1
Indium	In	49	114,82	7,31	156,6	2080	81,6
Iod / Iodine	I	53	126,90447	4,940	113,5	184,4	0,45
Iridium	Ir	77	192,22	22,65	2410	4130	147
Kalium / Potassium	K	19	39,0983	0,862	63,3	760	102
Kobalt / Cobalt	Co	27	58,9332	8,89	1495	2870	100
Kohlenstoff / Carbon (G=Graphite, D= Diamond)	C	6	12,011	3,514	3642	3642 (sub.)	155 3000
Krypton	Kr	36	83,8	3,749	-157,20	-153,35	0,005
Kupfer / Copper	Cu	29	63,546	8,954	1083,5	2595	401
Lanthan / Lanthanum	La	57	138,9055	6,162	920	3457	13,5
Lawrencium	⚠ Lr	103	260,1053		1600		10
Lithium	Li	3	6,941	0,534	180,5	1342	84,7
Livermorium	⚠ Lv	116	293				
Lutetium	Lu	71	174,967	9,842	1663	3394	16
Magnesium	Mg	12	24,305	1,738	648,8	1107	156
Mangan / Manganese	Mn	25	54,93805	7,44	1244	2062	7,8
Meitnerium	⚠ Mt	109	268				
Mendelevium	⚠ Md	101	258,0986		830		10
Molybdän / Molybdenum	Mo	42	95,94	10,28	2617	4639	138
Moscovium	⚠ Mc	115	288				
Natrium / Sodium	Na	11	22,989768	0,971	97,81	882,9	141
Neodym / Neodymium	Nd	60	144,24	7,004	1024	3074	16
Neon	Ne	10	20,1797	0,8999	-248,61	-246,06	0,049
Neptunium	⚠ Np	93	237,0482	20,45	630	3902	6,3
Nickel	Ni	28	58,69	8,902	1453	2732	90,7
Nihonium	⚠ Nh	113	287				
Niob / Niobium	Nb	41	92,90638	8,58	2468	4928	53,7
Nobelium	⚠ No	102	259,1009		830		10
Oganesson	⚠ Og	118	294				
Osmium	Os	76	190,2	22,59	3054	5027	87,6
Palladium	Pd	46	106,42	12,02	1554	3140	71,8
Phosphor rot / Phosphorus red	P	15	30,973762	2,34	44	280	0,2
Platin / Platinum	Pt	78	195,08	21,45	1772	3827	71,6
Plutonium	⚠ Pu	94	244,0642	19,82	640,7	3232	6,75
Polonium	⚠ Po	84	208,9824	9,196	254	962	20
Praseodym / Praseodymium	Pr	59	140,90765	6,475	931	3250	12,5
Promethium	⚠ Pm	61	146,9151	7,22	1168	2730	15

Elektrizitätsmodul <i>Modulus of Elasticity</i> [GPa]	Längenausdehnungskoeffizient <i>Coefficient of Linear Expansion</i> µm/(m·K)	Härte nach Mohs <i>Hardness Mohs</i>	Elektrische Leitfähigkeit <i>Electrical Conductivity</i> [MS/m]	Atomradius <i>Atomic Radius</i> [pm]	Kristallstruktur <i>Crystal Structure</i>	Entdeckung <i>Discovery</i>
						1984
			Isolator	128	hexagonal	1895
67	9,5		1,23	176,2	hexagonal	1878
11	33	1,2	12,5	162,6	tetragonal	1863
	87			143,2	hexagonal	1811
525	6,4	6,5	19,7	135,7	cubic, face centered	1803
3,5	83	0,4	14,3	227,2	cubic, body centered	1807
208	13,36	5	16,7	125,3	hexagonal	1735
4,8 (G) 1141 (D)	2 (G) 1,19 (D)	0,5 (G) 10 (D)	3 (G)	77,2	hexagonal cubic, face centered	prehistoric prehistoric
			Isolator	189	cubic, face centered	1898
115	16,5	3	59,1	127,8	cubic, face centered	prehistoric
38	1,9	2,5	1,626	187	hexagonal	1839
						1961
4,9	56	0,6	1,169	152	cubic, body centered	1817
						2000
84	8,12		1,72	171,8	hexagonal	1907
44	26,1	2,5	22,7	159,9	hexagonal	1755
195	22	5,5	0,694	127	cubic	1774
						1982
						1955
326	5,43	5,5	18,2	139	cubic, body centered	1778
						2004
9,5	70,6	0,5	21,7	185,8	cubic, body centered	1807
41	6,7	2-3	1,56	181,4	hexagonal	1895
			Isolator	160	cubic, face centered	1898
68	28		8,2	155	orthorhombic	1940
200	13,3	3,8	13,9	124,6	cubic, face centered	1751
						2003
105	7,07	6	6,58	146	cubic, body centered cubic, face centered	1801 1958
						1999
551	5,1	7	10,9	135	hexagonal	1803
121	11,2	4,75	9,26	137,6	cubic, face centered	1803
31				106	cubic	1669
172	9	3,5	9,43	138,5	cubic, face centered	1557
96	46,7		0,68	159	monoclinic	1940
26	23,5		2,5	164	cubic	1898
35	6,79		1,43	182,4	hexagonal	1895
46	11		1,33	183,4	hexagonal	1945

# Elementeigenschaften/Properties of Selected Elements

Name Element	Symbol Symbol	Ordnungszahl Atomic Number	Atommasse Atomic Weight [u]	Dichte Density [g/cm <sup>3</sup> ]	Schmelzpunkt Melting Point [°C]	Siedepunkt Boiling Point [°C]	Wärmeleitfähigkeit Heat Conductivity [W/(m · K)] 27 °C
Protactinium	Pa	91	231,0359	15,37	1572	4027	47
Quecksilber / Mercury	Hg	80	200,59	13,546	-38,89	356,58	8,34
Radium	Ra	88	226,0254	5,50	700	1737	18
Radon	Rn	86	222,0176	9,23	-71,1	-61,8	0,004
Rhenium	Re	75	186,207	21,04	3180	5630	47,9
Rhodium	Rh	45	102,9055	12,41	1966	3696	150
Roentgenium	Rg	111	280				
Rubidium	Rb	37	85,4678	1,53	38,89	688	58,2
Ruthenium	Ru	44	101,07	12,37	2310	3900	120
Rutherfordium	Rf	104	261,1087				23
Samarium	Sm	62	150,36	7,536	1074	1794	13,4
Sauerstoff / Oxygen	O	8	15,9994	1,429	-218,80	-182,96	0,0267
Scandium	Sc	21	44,95591	2,989	1541	2836	16
Schwefel / Sulfur	S	16	32,066	2,07	119,6	444,67	0,27
Seaborgium	Sg	106	263,1182				
Selen / Selenium	Se	34	78,96	4,79	217	685	2,05
Silber / Silver	Ag	47	107,8682	10,49	961,93	2163	429
Silicium / Silicon	Si	14	28,0855	2,33	1412	2355	148
Stickstoff / Nitrogen	N	7	14,00674	1,251	-209,86	-195,82	0,026
Strontium	Sr	38	87,62	2,67	769	1384	35,3
Tantal / Tantalum	Ta	73	180,9479	16,654	2996	5425	57,5
Technetium	Tc	43	98,9063	11,49	2172	4877	50,6
Tellur / Tellurium	Te	52	127,6	6,25	449,5	990	2,35
Tennes / Tennessin	Ts	117	292				
Terbium	Tb	65	158,92534	8,253	1356	3230	11
Thallium	Tl	81	204,3833	11,85	303,1	1457	46
Thorium	Th	90	232,0381	11,724	1750	4788	54
Thulium	Tm	69	168,93421	9,321	1545	1947	17
Titan / Titanium	Ti	22	47,88	4,54	1668	3287	21,9
Uran / Uranium	U	92	238,0289	19,16	1132,3	3818	27,6
Vanadium	V	23	50,9415	6,11	1890	3378	30,71
Wasserstoff / Hydrogen	H	1	1,00794	0,084	-259,14	-252,76	0,182
Wolfram / Tungsten	W	74	183,85	19,26	3410	5657	174
Xenon	Xe	54	131,29	5,887	-111,8	-108,10	0,00569
Ytterbium	Yb	70	173,04	6,965	819	1196	35
Yttrium	Y	39	88,90585	4,472	1522	3338	17,3
Zink / Zinc	Zn	30	65,39	7,133	419,58	907	116
Zinn / Tin	Sn	50	118,71	7,29	231,97	2270	66,7
Zirkonium / Zirconium	Zr	40	91,224	6,508	1852	4377	22,7

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76	9,7		5,56	163	tetragonal	1917
	1,81		1,04	151	rhombohedral	prehistoric
	8		1	223	cubic, body centered	1898
			Isolator	150	cubic, face centered	1900
466	6,63	7	5,56	137,2	hexagonal	1925
380	8,4	6	22,3	134,2	cubic, face centered	1803
						1994
2,3	90	0,3	7,52	247,5	cubic, body centered	1861
447	9,1	6,5	14,1	134	hexagonal	1844
						1964
34	10,4		1,06	180,4	rhombohedral	1879
			Isolator	60,5	cubic	1774
79	10	2,5	1,81	162	hexagonal	1879
18	74,3	2		103,5	orthorhombic	prehistoric
						1974
58	36,9	2		116	hexagonal	1817
83	19,2	2,5	61,35	144,5	cubic, face centered	prehistoric
160	4,2	6,5	6,5	117,6	diamond	1824
			Isolator	71	hexagonal	1772
16	23	1,5	7,41	215,1	cubic, face centered	1790
186	6,6	6,5	7,61	146	cubic, body centered	1802
400	8	5,5	4,54	136	hexagonal	1937
43	16,75	1,3	2,25	143,2	hexagonal	1782
						2010
57	7			177,3	hexagonal	1843
8	28	1,2	6,67	170	hexagonal	1861
78	12,5	3	6,67	179,8	cubic, face centered	1829
76	13,3		1,477	175,9	hexagonal	1879
115	8,35	6	2,56	144,8	hexagonal	1791
172	13,9	6	3,24	138,5	orthorhombic	1789
125	8,3	7	5	134	cubic, body centered	1801
			Isolator	37,5	hexagonal	1766
405	4,59	7,5	18,2	139	cubic, body centered	1781
			Isolator	218	cubic, face centered	1898
18	25		4	193,3	cubic, face centered	1878
64	10,6		1,66	180	hexagonal	1794
100	25	2,5	16,7	134	hexagonal	prehistoric
50	21,2	1,5	8,69	140,5	tetragonal	prehistoric
90	5,78	5	2,36	159	hexagonal	1789



## Allgemeine Hinweise / General Information

### Bestellungen

Sie können bei uns online über den Webshop, per Email, Telefon, Fax oder Post bestellen.

Auf der Rückseite dieses Kataloges finden Sie zudem eine Übersicht unserer ausländischen Ansprechpartner. Es gibt keine Mindestabnahmemenge und wir liefern innerhalb Deutschlands ab einem Bestellwert von € 50,00 frei Haus, ansonsten erheben wir eine Bearbeitungs- und Versandkostenpauschale in Höhe von € 9,00.

Außerhalb Deutschlands verschicken wir ab Werk.

### Preise

Die tagesaktuellen Preise aller Katalogprodukte finden Sie auf unserer Homepage unter [www.chemPUR.de](http://www.chemPUR.de) - vorbehaltlich Preisänderungen und technische Anpassungen.

Wir liefern bei Katalogeinheiten in der Regel prompt ab Lager.

Bei größerem Bedarf bzw. spezifischen Anforderungen kontaktieren Sie uns bitte.

### Verkaufsbedingungen

Die ausführlichen Allgemeinen Geschäftsbedingungen (AGB) finden Sie auf unserer Homepage.

Bitte beachten Sie, dass wir ausschließlich Bestellungen von legitimierten Unternehmen und Personen akzeptieren können – der Verkauf an Privatpersonen wird ausgeschlossen.

### Ordering

Place your purchase order either via our Online Shop, by Email, Phone and Telefax or by Mail – for local contacts please check the list of all international distributors on the backside of this catalog.

There is no minimum order and delivery within Germany is for free for an order value more than € 50.00 – otherwise there will be a handling and shipping charge of € 9.00.

Outside Germany we ship ex-works.

### Prices

Current prices for our catalog products can be found on our homepage under [www.chemPUR.de](http://www.chemPUR.de), updated daily – subject to changes in price and specification.

Catalog packs are normally available from stock for immediate dispatch.

Please ask us for larger quantities or specific requirements.

### Conditions of Sale

Detailed Terms and Conditions (GTC) are available as download on our homepage. Please notice that we supply our products only to legitimate business customers – we do not sell to private people.

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