

Goodfellow

Serving The Needs of Science and Industry Worldwide

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

Weltweiter Lieferant für Wissenschaft und Industrie

Metals and Alloys
Métaux et Alliages
Metalle und Legierungen

Ceramics
Céramiques
Keramiken

Polymers
Polymères
Polymere

Composites
Composites
Verbundwerkstoffe



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Standard Price List for Copper - O.F.H.C.

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Introduction

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

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

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

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

Materials

Metals and Alloys

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

Ceramics

The ceramic materials offered by Goodfellow have been carefully chosen, and include both the established as well as more recently developed products. All are available as either standard or custom-made products in a variety of forms and sizes. The Catalogue details those items which are

available from stock. For ceramic components made to customer drawings, our Ceramic and Glass Division would be delighted to help. Please visit www.goodfellow-ceramics.com for further information.

Polymers

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

Compounds & Intermetallics

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

Composites

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

Glasses

Goodfellow offers two distinct types of glass products. The first are generally silica-based and transparent. Generally, these products are made to order for customers, so we do not list them in our Catalog, however, they are available through the Goodfellow Ceramic and Glass Division. Please contact us with your requirements.

The second type of glass product is commonly referred to as "metallic glasses" or "glassy metals". In contrast to crystalline metals and alloys with highly ordered atomic structures, these are non-crystalline (amorphous) metals or, more usually, alloys. Our Catalogue details those glassy metals which are available from stock; please contact us if you are unable to find the item you specifically require.

Product Descriptions



Bar

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

Tolerances

Section dimensions:	≤ 10mm	± 10%
	> 10mm	± 1mm
Length:	< 100mm	± 1mm
	≥ 100mm	+ 5% / - 1%



Bolt

A threaded pin that can be screwed into a nut or a tapped hole to fasten items together. Bolts are available with different head styles and also in metric and inch-threaded sizes.

Tolerances

Ceramics: ANSI B18.6.7M-1985



Chopped Fibre

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

Tolerances

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



Crucible

A vessel in which other materials may be heated or melted, usually at high temperatures.

Tolerances

Height:	± 10%
Inside Dimensions:	± 10%
Outside Dimensions:	± 10%



Fabric

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

Tolerances

Fabric thickness:	± 25%
Number of yarns:	± 10%
Tex number:	± 10%
Size (linear dimension):	< 100mm ± 5mm
	≥ 100mm ± 5%



Fibre

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

Tolerances

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



Film

A non-metallic sheet material with a thickness < 0.5mm.

Tolerances

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



Flake

Flat, irregularly shaped pieces of material. A maximum flake size is indicated but individual flakes may vary greatly in size.

Tolerances

Dimensions shown are nominal

Product Descriptions



Foam

A low density, permeable structure of cells and continuous ligaments offering a high surface area to volume ratio, and also a high strength to weight ratio. Owing to the nature of this material, dimensions are nominal.



Foil

Thin sheets of pure metal and metal alloys. Due to their fragile nature, some foils are coated on one side with an acrylic or polyester support. Where foils are supported they are indicated in the detailed item description.

Tolerances

Thickness: < 0.010mm ± 25%
 0.01-0.05mm ± 15%
 > 0.050mm ± 10%
 Size (linear dimension): < 100mm ± 1mm
 ≥ 100mm + 2% / -1%



Granule

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

Tolerances

Dimensions shown are nominal



Honeycomb

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



Insulated Wire

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

Tolerances

Wire diameter: ± 10%
 Length: + 5% / -1%
 Insulation thickness: Nominal values only



Laminate

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

Tolerances

Thickness: ± 10%
 Size (linear dimension): ≤ 100mm ± 1mm
 > 100mm + 2% / -1%



Lump

A solid piece of material with no defined shape.

Tolerances

Dimensions shown are nominal



Mesh

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

Tolerances

Thickness: woven: ± 10%
 electroformed: ± 20%
 Wire diameter: ± 10%
 Size (linear dimension): < 100mm ± 1mm
 ≥ 100mm + 2% / -1%

Product Descriptions



Metallised Film

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

Tolerances

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



Microfoil

An extremely thin sheet of metal or alloy mounted on a permanent support. This support **cannot** be removed without destroying the Microfoil.

Tolerances

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



Microleaf

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

Tolerances

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



Monofilament

A single strand of a non-metallic material.

Tolerances

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



Non-Woven Fabric

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

Tolerances

Size (linear dimension): $< 100\text{mm}$ $\pm 5\text{mm}$
 $> 100\text{mm}$ $\pm 5\%$



Nut

Generally a flat piece of material with a threaded hole which can be screwed onto a bolt to fasten items together. Nuts typically have a hexagonal external shape. Nuts are available in metric and inch-threaded sizes.

Tolerances

Ceramics: ANSI B18.2.4.1M-1979
 (R1995)



Powder

Small particles with an approximately defined size range. Those materials described as alloy precursors are not true alloys - they are made by sintering a blend of powders of the component metals to achieve alloying by diffusion. The resultant cake is ground and sieved to the required particle size range. Unless otherwise stated, the particle sizes shown are for guidance only. We do not guarantee either any particular size distribution between the quoted minimum and maximum sizes, or a specific particle shape.

Tolerances

Dimensions shown are nominal

Product Descriptions



Rod

A straight length of circular section material.

Tolerances

Diameter:	≤ 10mm	± 10%
	Polymer	+ 20%/-10%
	Ceramic	+ 20%/-10%
> 10mm	± 5%	
	Ceramic	+ 20%/-10%
	Polymer	+ 20%/-10%
Length:	< 100mm	± 1mm
	≥ 100mm	+ 5% / -1%



Sheet

Flat material with a thickness > 0.5mm.

Tolerances

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



Single Crystal

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

Tolerances

Orientation:	± 3°
Size:	Sizes shown are nominal



Sphere

A regular solid or hollow three-dimensional form in which every cross-section is a circle. Spheres are available with standard or precision tolerances, and can be supplied with different surface finishes depending on the material.

Tolerances

Diameter (standard):	± 5%
Diameter (precision):	see item



Sputtering Target

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

Tolerances

Thickness:	± 0.5mm
Size:	± 0.5mm



Tube

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

Tolerances

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



Washer

A thin, flat piece of material with a hole in the middle, used in conjunction with bolts and nuts to distribute the load of a threaded fastener.

Tolerances

Ceramics:	see item
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Product Descriptions



Wire

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

Tolerances

Wire diameter: $\pm 10\%$
Length: $+ 5\% / -1\%$

Hazards Information

HAZARDS

All materials listed in this catalogue, whatever the quantity supplied, are sold for research or development purposes. We make no warranty that the materials are fit for a particular purpose. In purchasing materials from this catalogue, customers should be aware that there may be hazards associated with their use and in the handling of them. Complete toxicological or hazard investigations are the responsibility of the customer. Ingestion or contact with the human body may be harmful. The responsibility for the safe use of our products rests with the customer. All materials should be handled by qualified personnel familiar with laboratory procedures and who are familiar with the nature of the material and any necessary precautions which should be taken in the handling, use and storage of the products. The customer shall be responsible for the control and use of the products offered in this catalogue whether alone or in combination with other articles or substances or in any other manner whatsoever.

HAZARD SYMBOLS



C

Corrosive

Chemicals which may destroy living tissue when in contact with them.



D

Dangerous when wet

Chemicals which, in contact with water or damp air, evolve highly flammable or toxic gases and vapours in dangerous quantities.



E

Explosive

Chemicals which may react exothermically without atmospheric oxygen, quickly evolving gases, and which under defined test conditions detonate, quickly deflagrate or upon heating explode when partially confined.



F+

Extremely flammable

Chemicals which when finely divided (small particle size) are liable to ignite spontaneously.



Xn

Harmful

Chemicals which may cause death or acute or chronic damage to health when inhaled, ingested or absorbed via the skin.



F

Highly flammable

Chemicals which will ignite after contact with flame, or which will evolve highly flammable gases in contact with water.



Xi

Irritant

Non-corrosive chemicals which, through immediate, prolonged or repeated contact with the skin or mucous membrane may cause inflammation.



R

Radioactive

Chemicals which will emit ionising radiation without being subject to irradiation. General precautions for Toxic chemicals apply to those of low activity. For chemicals of medium or high activity special regulations apply.



T

Toxic

Chemicals which may cause death or acute or chronic damage to health when inhaled, ingested or absorbed via the skin.



T+

Very Toxic

Chemicals which in low quantities cause death or acute or chronic damage to health when inhaled, ingested or absorbed via the skin.

General Information

Analyses

Typical Analysis :

Where appropriate a typical analysis is given. All figures are parts per million (ppm) by weight unless otherwise stated. It must be emphasised that this data is "typical" and no guarantee is given that the material supplied will conform to these analyses. The compositions shown under alloy headings are generally weight percent. Exceptions are the glassy alloys and the rare earth magnets where the convention of using atomic ratio is followed.

Purity

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

High Purity

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

If you require an analysis please tell us whether you require analysis of metallic impurities only or metallic and gaseous. Where an analysis is required the shipment of your order may be delayed.

Supports

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

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

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

Microfoil is mounted on a permanent 3.5µm polyester support. This support **cannot** be removed without destroying the Microfoil.

Microleaf is mounted on a specially treated support which allows separation of the metal film from the support. Full instructions on the method of removal are issued with each Microleaf supplied.

Light Tight (LT) & Not Light Tested (NLT)

Light tight (LT) foils are supplied without visible pinholes after examination without magnification. Foils 0.025mm or more in thickness are supplied LT unless otherwise stated.

Foils less than 0.025mm thick are normally supplied Not-Light Tested (NLT), and will normally contain pinholes but may occasionally be free from pinholes. Foils less than 0.025mm in thickness can often be supplied LT but may incur additional charges. Please specify if you require LT foils

Vacuum tight

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

Continuous Lengths

If you require material in continuous lengths please tell us when you place your order. Unless otherwise specified, we reserve the right to supply in more than one length.

Technical Data and Information

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

Tolerances

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

Order information

General Information

There are over 70,000 stock packs listed and if you cannot find what you need amongst them, please ask for special sizes, thicknesses, tolerances, dimensions or larger quantities. We are also able to offer many other pure metals, alloys, polymers and ceramics to special order.

Prices

All the prices listed are total (lot) prices for the sizes and quantities listed. Prices are subject to change without notice.

Prices shown include delivery except for those items marked as "special offer" or dangerous goods with transport restriction. They do not include value added tax, any import duties or local taxes.

Transport Restriction

Some of the materials supplied by Goodfellow are subject to special transport restrictions. Additional shipment charges may apply which are dependent on destination. Please check the individual item on our website or contact us for details of the charges.

If you intend to have the material transported or sent onwards please ensure that you are aware of the relevant transport restrictions.

Delivery

Split shipment

All orders are accepted for one shipment on one date to one address. A charge will be made for split shipments made at the customer's request.

Special Analysis, Supports or Tolerances

An extra charge is made for non-standard supports, alternative tolerances and certificates of analysis. The analysis is free of charge for items marked "High Purity".

Cancellations

A charge for cancellation of orders may be made. The amount will depend on the circumstances.

Express Service

An administration charge of £10 will be made for any order received for which same day shipment within the UK is requested.

Shipment

We aim to have all items listed in this catalogue in stock in the quantities and sizes listed. We can only undertake to despatch an order on a particular date. The date of delivery at the customer's address is subject to the normal variations of the delivery service used.

Despatch

Orders will normally be despatched within 48 hours of receipt.

Non delivery

If we have notified you of despatch of goods and you have not received delivery within 7 days, please contact us.

Insurance

All consignments will be insured by us against the usual risks unless we are instructed in writing to the contrary.

Export Restrictions

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

Materials Handling

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

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

Terms of payment

Our normal terms of payment are net 30 days from date of invoice. Any alternative terms of payment are to be agreed with us in writing at the time of placing an order. Customers may be asked to pay cash with order or cash against pro-forma invoice with their first order. In order to establish a credit account we will require details of your bankers, along with two trade references.

Order information

Credit account

We endeavour to keep our costs down and customers are requested to pay our invoices on time. We reserve the right to delay delivery if there are overdue invoices on the account. Accounts which remain unpaid beyond the due date may incur an interest charge at a rate of 2% per month.

Credit card payments

We also accept payment using the following credit and charge cards:

Mastercard, VISA, American Express, DELTA and Switch.

VAT

VAT number: GB 212 8527 79

UK

VAT will be added to the invoice at the rate ruling at the date of invoice. Where a customer is exempt, VAT will be charged unless we receive a copy of the exemption form at the time the order is placed.

EU

Customers registered for VAT who provide their local registration number will not be charged UK VAT.

Customers who are exempt from VAT will not be charged UK VAT provided we are given a copy of their exemption form at the time the goods are ordered.

Customers not registered for VAT or who fail to give us their registration number will be charged UK VAT at the current rate.

Export

All exports to countries outside the EU are zero-rated for UK VAT unless the invoice is being paid from within the EU.

Return of goods

We will only accept return of goods provided we are contacted BEFORE the goods are returned. When we agree to the return we will issue a Goods Return Number and give instructions for the method of return of the goods. Goods will not be accepted for return without a valid Goods Return Number. Due to the nature of some of our materials, it is imperative that you check any possible transport restrictions with your proposed freight company.

Claims

Great care is taken during manufacture and packing and all items are carefully inspected before shipment. Any claim in respect of short delivery, incorrect material or defective quality must be notified to us in writing within three days of delivery. Please retain ALL packaging for our inspection. Our liability for any such claim shall not exceed the cost of replacement of the goods free of charge, or crediting the customer with the invoice value thereof.

Goods ordered in error

We do not accept responsibility for customers' errors in ordering. The amount of credit for returned goods will be at our discretion. Where we accept returned goods a restocking charge will be made.

Conditions of sale

All orders, contracts and quotations are subject to our standard terms and conditions of sale.

Information and statements provided are indicative only and do not form part of any offer or contract.

Exclusions

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

Law

Customers in the USA: Contracts between Goodfellow Corporation and the customer shall be deemed to be subject in all respects to the laws of the Commonwealth of Pennsylvania, or the United States of America.

Customers in France: Contracts between Goodfellow SARL and the customer shall be deemed to be subject in all respects to French law unless otherwise agreed in writing

Customers in Germany: Contracts between Goodfellow GmbH and the customer shall be deemed to be subject in all respects to German law unless otherwise agreed in writing

Order information

Customers in the UK and all other countries: Contracts between Goodfellow Cambridge Limited and the customer shall be deemed to be subject in all respects to English law unless otherwise agreed in writing.

Copies of our General Terms and Conditions are available upon request or can be downloaded from our websites at www.goodfellow.com or www.goodfellowusa.com.

Company Details

Company Structure

The Goodfellow Group consists of five companies:

Goodfellow Cambridge Limited

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

Goodfellow Corporation

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

Goodfellow GmbH

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

Goodfellow SARL

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

Goodfellow (Shanghai) Trading Co., Ltd

Goodfellow established a representative office in Shanghai in 2006, and in 2012 followed this with the creation of a fully-fledged trading company, servicing the research and specialist manufacturing requirements of the Chinese market.

COMPANY DETAILS

Goodfellow Cambridge Limited

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VAT registration GB 212 8527 79

Goodfellow Corporation

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USA
A Pennsylvania corporation
EIN 23-2557381

Goodfellow SARL

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Registered in Lille : RCS : B 381 486 836
Siren : 381486836
Numéro de TVA Intracommunitaire :
FR 06 381 486 836

Goodfellow GmbH

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Registered in Friedberg (Hessen) No. HRB 1309
Import VAT number DE112610478

Goodfellow (Shanghai) Trading Co., Ltd

Fl. 23, 758 Nanjing Road West
SHANGHAI
200040
The People's Republic of China

Conditions of Sale

1 GENERAL

1.1 In these Conditions:

1.1.1 the following expressions shall have the following meanings:-

- "Buyer" the individual firm company or other party from whom an order to supply Goods and/or Services is received by the Seller;
- "Conditions" the standard terms and conditions of sale of the Seller as set out herein and includes any additional terms and conditions of sale agreed in writing by the Seller;
- "Contract" a contract for the Supply of Goods and/or Services by the Seller to the Buyer;
- "Date of Delivery" the date on which delivery of the Goods or Services takes place pursuant to Condition 7;
- "Goods" the goods which the Seller is to supply (or, in relation to Condition 11, the goods in respect of which the Seller is to provide Services) under the Contract and includes any of them or any part of them and where the context so admits includes raw materials, processed materials and/or manufactured products whether processed or manufactured by the Seller or not;
- "Prepayment" a payment to be made by the Buyer pursuant to Condition 6.2 to be used at the Seller's discretion for the purchase of materials and/or towards the costs of labour and other costs relating to the supply of Goods;
- "Recommendations for Use" the recommendations (if any) relating to the storage, handling, application and/or use of the Goods contained in the published literature of the Seller (or, if relevant, a Supplier) or any recommendations made in Writing by an authorised representative of the Seller (or, if relevant, a Supplier);
- "Seller" Goodfellow Cambridge Limited and any subsidiary or holding company or associate (as such terms are defined in the Companies Act 1985 (as amended)) of the said company;
- "Services" the work or services or any of them to be provided by the Seller under the Contract;
- "Supplier" any person, firm or company who or which supplies materials to the Seller which make up the Goods which are to be supplied to the Buyer;

1.1.2 words importing the singular number shall include the plural and vice versa, words importing one gender shall include all genders, and words importing persons shall include bodies corporate, unincorporated associations and partnerships

- 1.2 If satisfactory references and information on the Buyer are not provided within seven days of a request therefore by the Seller, or if, following the provision of such information, the Seller is unable to obtain satisfactory trade indemnity or similar cover in respect of its dealings with the Buyer, the Seller may terminate the Contract and the rights and liabilities of the parties shall be the same as if the Contract had been cancelled in accordance with the provisions of Condition 10.2
- 1.3 The seller reserves the right to assign, sub-contract the Contract or any part thereof. The Buyer shall not be entitled to assign the benefit or burden of the Contract without the consent in writing of the Seller
- 1.4 In relation to all obligations of the Buyer under these Conditions, the time of performance is of the essence
- 1.5 The legal construction of these Conditions shall not be effected by their headings which are for convenience of reference only

2 ORDERS

- 2.1 Notwithstanding that the Seller may have given a detailed quotation or estimate either verbally or in writing no order shall be binding on the Seller unless and until it has been acknowledged in writing by the Seller or the Goods are delivered or the Services are provided by the Seller to the Buyer pursuant to the order
- 2.2 In order to avoid duplication of orders the Buyer shall be responsible for ensuring that any confirmation of an order previously placed is prominently marked as being a confirmation and not a new order. The Buyer acknowledges that any order or confirmation of order which is not so marked may be treated and accepted by the Seller as a new order to create a Contract in addition to any Contract arising out of the previously placed order
- 2.3 These Conditions are incorporated in the Contract and together with any matter set out in the Seller's quotation or acceptance/acknowledgement of order contain the entire obligations between the Seller and the Buyer. In the case of any inconsistency between any letter or quotation incorporating or referring to these Conditions and any order, letter or form of contract sent by the Buyer to the Seller, whatever may be their respective dates, the provisions of these Conditions shall prevail. In the event of the Seller entering into the Contract without the Seller having submitted a written quotation or other letter or document incorporating or referring to these Conditions but in circumstances where the Buyer has had prior notice of these Conditions then all Goods or Services supplied shall be subject to these Conditions
- 2.4 No variation of the Contract by the Buyer shall be binding upon the Seller unless made in Writing and signed on behalf of the Seller. In the event of such variation the Buyer shall indemnify and keep indemnified the Seller in full against all loss, which term shall include (but without prejudice to the generality thereof) loss of profit, costs (including the cost of labour and materials), damages, charges and expenses incurred (directly or indirectly) by the Seller as a result of such variation

- 2.5 Any representations (except fraudulent misrepresentations) or warranties made by or on behalf of the Seller prior to the Contract (whether verbally or in writing) are hereby expressly excluded and shall be of no effect

3 DESCRIPTION

- 3.1 Any figures, statements, descriptions, illustrations, photographs, drawings, weights or any other matters contained in the Seller's catalogues, pamphlets, price lists or advertising literature are not guaranteed to be accurate and are intended merely to represent a general picture of the Seller's products and shall not form part of the Contract nor be regarded as a warranty or representation relating to the Goods or Services
- 3.2 The Seller reserves the right to amend the specification of its products and services from time to time so that the descriptions thereof as set out in its catalogues, pamphlets, price lists or advertising literature may not be identical with those set out in the Seller's quotation and the Buyer is advised to check the specification set out in the Seller's quotation before placing an order

4 SPECIFICATIONS AND INTELLECTUAL PROPERTY

- 4.1 Where goods are supplied to the Buyer's own specification, or where standard goods of the Seller are altered in accordance with the Buyer's instructions the Buyer warrants and undertakes full responsibility for the suitability and fitness of the specification, pattern or design but also that such specification, pattern or design does not infringe any patent, trade mark, registered design, copyright or any other proprietary right of any third party and the Buyer shall indemnify and keep the Seller indemnified in full against any loss, damage or expense whatsoever (including costs) which the Seller may incur in or arising from the performance of the Contract by reason of any infringement of any such patent, trade mark, registered design, copyright or any other proprietary right
- 4.2 The Seller reserves the right to change the Buyer's specification as required to ensure that the Goods comply with any health, safety or other statutory requirement or provision and no such change by the Seller will constitute a breach of contract or impose upon the Seller any liability whatsoever
- 4.3 Unless otherwise agreed in writing, the Seller will be the sole owner of all inventions, formulations, tools, patterns, designs or other similar items and the copyright in all documents and drawings made or produced by it in preparing a quotation for the Buyer or in the course of work on any Contract with the Buyer

5 QUOTATIONS

- 5.1 The Seller's quotations are provisional in so far as they are subject to alteration by reference to any changes in the price of raw materials, any item to be acquired by the Seller from a third party, rates of wages, other costs of production and any other circumstances beyond the Seller's control taking place between the date of the quotation and the Buyer's placing of an order in respect thereof

6 PRICE

- 6.1 The Seller shall be entitled to adjust the Contract price of the Goods or Services whether before or after the making of the Contract in the event of any variation in the cost to the Seller of supplying the same or any part thereof caused by:-
- 6.1.1 any increase in the cost of materials required by the Seller for the completion of the Contract; or
- 6.1.2 any increase in wages or production and manufacturing costs or other overheads; or
- 6.1.3 any other reason whatsoever beyond the control of the Seller including (but without prejudice to the generality of the foregoing) fluctuations in exchange rates between monetary currencies the action of any government or any other authority or any labour problems
- 6.2 In the Seller's absolute discretion, a Prepayment in respect of the Contract may be required to be paid by the Buyer to the Seller on the terms set out in this Condition. The Prepayment shall be applied as follows:-
- 6.2.1 in the event that the Contract is performed in full by both parties the Prepayment shall be retained by the Seller in reduction of the total price payable by the Buyer under the Contract;
- 6.2.2 in the event that the Buyer is either in default of any of its obligations under the Contract or cancels or suspends the Contract in accordance with Condition 10 the Prepayment shall be set off by the Seller against its proper costs losses or damages arising in connection with the default and/or cancellation or suspension
- 6.3 Unless otherwise stated, the price set out in the Seller's quotation includes the cost of packaging, carriage, and (save as provided in Condition 6.4) insurance. In respect of supplies of Goods in the United States of America, Canada and Japan the price also includes import duties and sales taxes (if any). In respect of supplies of Goods in other countries the price does not include import duties or VAT or sales taxes which will be extra charges based on prevailing rates
- 6.4 Where the Buyer requests a particular means of delivery, the price set out in the Seller's quotation does not include insurance, which is to be arranged at the responsibility of the Buyer.

7 DELIVERY

- 7.1 Delivery of Goods shall be deemed to be effected by the Seller at the following times:-
- 7.1.1 where Goods are collected by or on behalf of the Buyer by its servants or agents, or where Goods are collected in

Conditions of Sale

- accordance with a means of delivery specifically requested by the Buyer, when the same are collected;
- 7.1.2 where delivery of the Goods is to be the responsibility of the Seller, when they arrive prior to unloading at the Buyer's premises;
- 7.1.3 where Goods are sold FOB or CIF, when they pass the ship's rail or are loaded onto the aircraft
- 7.2 Delivery of Services shall be deemed to be effected by the Seller at the time of completion by the Seller of the Services
- 7.3 Whilst the Seller will make every reasonable effort to complete the Contract by the date or dates therein specified for delivery of Goods or provision of Services such date or dates shall only constitute the times by which the Seller expects to effect such delivery and if no time is agreed delivery will be within a reasonable time but the performance of the Contract by the Seller shall not be the essence of the Contract, the Seller's failure to so deliver by the due date or dates shall not constitute a breach of Contract and the Seller shall not in any circumstances be responsible for any direct or consequential loss or damage of any kind whatsoever resulting therefrom. The Seller may wholly or partly suspend deliveries of Goods or provision of Services and the Buyer shall accept late delivery of such Goods or Services unless the Buyer has cancelled the Contract in accordance with the provisions of Condition 10.3
- 8 QUANTITIES INSTALMENTS AND STORAGE**
- 8.1 Where Goods are delivered or Services are by instalment each instalment shall be deemed to be sold under a separate Contract and the party in default in respect of any instalment shall be liable accordingly, but no default in respect of any one instalment shall effect due performance of the Contract as regards other instalments
- 8.2 The Seller will endeavour to deliver the quantity of Goods ordered and every delivery shall be deemed to comply with the order. If there is a surplus or shortage of Goods which is no more than 10% of the quantity specified in the order the Buyer shall be deemed to have accepted the Goods and shall pay for the actual quantity delivered
- 8.3 If Goods or Services are to be delivered by instalments, the Seller shall be entitled to invoice each instalment as and when delivery is made and payment for all delivered instalments shall be due notwithstanding the non-delivery of other instalments or other default by the Seller. Failure by the Buyer to make payment by the due date for any one instalment for whatever reason shall entitle the Seller to suspend deliveries of Goods or provision of Services under the Contract but without prejudice to any other right the Seller may have under any of the other provisions of these Conditions
- 8.4 Notwithstanding that risk shall have passed to the Buyer pursuant to Condition 15 the Seller may in its absolute discretion arrange for storage of the Goods either at the request of the Buyer or as a result of the failure by the Buyer to take delivery of the Goods under Condition 7. The Seller may insure the goods whilst in storage and the Buyer shall indemnify and keep indemnified the Seller in full against all costs, losses, damages and expenses whatsoever arising in connection with the storage provided for hereunder and such costs, losses, damages and expenses will be added to and form part of the price of the Goods
- 8.5 Unless otherwise agreed between the Buyer and the Seller, the Seller shall be entitled in its absolute discretion and without giving prior notice to the Buyer at the expiration of 3 months to sell or otherwise dispose of Goods kept in storage as provided in Condition 8.4
- 9 TERMS OF PAYMENT**
- 9.1 Unless otherwise agreed the price shall be due and payable at the Seller's offices 30 days after the date of the Seller's invoice
- 9.2 If the Buyer does not pay the whole or any part of the price on the required day then the Buyer shall pay to the Seller on request interest on the amount outstanding from the required day until the actual date of payment at the rate of 2% p.a. over the base rate of Barclays Bank plc from time to time in force which shall accrue on a daily basis
- 9.3 Condition 12 shall apply in the event of any alleged defect or failure in or of the Goods or Services and the Buyer shall not delay or refuse to make payment in any such event
- 9.4 The Buyer shall not be entitled to withhold payment of any amount due to the Seller by reason of any disputed claim by the Buyer in connection with the Contract nor shall the Buyer be entitled to set off against any amount payable under the Contract to the Seller any amount which is not then due and payable by the Seller or for which the Seller disputes liability
- 9.5 All payments payable to the Seller under the Contract shall become due immediately upon termination of the Contract despite any other provision.
- 10 SUSPENSION AND CANCELLATION**
- 10.1 If the Buyer shall commit any breach of the Contract and fail to remedy the same within 7 days of receiving the Seller's request in writing so to do or any distress or execution is levied upon any goods or property of the Buyer or the Buyer makes any voluntary arrangement with its creditors or becomes subject to an administration order or (being an individual or firm) becomes bankrupt or (being an incorporated company) passes a resolution for winding up (otherwise than for the purpose of amalgamation or reconstruction), or a Court makes an order to that effect, or an encumbrancer takes possession, or an administrative receiver or receiver is appointed, of any of the property or assets of the Buyer, or the Buyer ceases, or threatens to cease, to carry on business or is unable to pay its debts within the meaning of section 123 Insolvency Act, 1986, or the Seller reasonably apprehends that any of the events mentioned above is about to occur in relation to the Buyer and notifies the Buyer accordingly, the Seller may:-
- 10.1.1 stop any Goods in transit and suspend any further deliveries;

and/or

- 10.1.2 suspend work on the Contract; and/or
- 10.1.3 determine the Contract forthwith and if the Goods or Services, or any part of them have been delivered but not paid for, the price shall become immediately due and payable notwithstanding any previous agreement to the contrary but without prejudice to the Seller's right to any unpaid price for Goods or Services delivered under the Contract and to damages for loss (both direct and consequential) suffered in consequence of such determination
- 10.2 If the Buyer requires cancellation of the Contract this will only be accepted at the sole discretion of the Seller and unless otherwise agreed in writing only upon condition that any costs, charges or expenses (both direct and consequential) incurred by the Seller up to the date of cancellation and the value of all loss or damage (both direct and consequential) incurred by the Seller by reason of such cancellation will be reimbursed by the Buyer to the Seller forthwith. Acceptance by the Seller of any cancellation by the Buyer will only be binding upon the Seller if it is made in writing
- 10.3 In the event of the Seller other than in any of the circumstances set out in Condition 10.1 being prevented or hindered from completing the Contract either wholly or in part in accordance with the terms thereof for any reason whatsoever beyond its reasonable control which, for the avoidance of doubt and without prejudice to the generality of the foregoing, shall include governmental action, war, riot, civil commotion, fire, flood, epidemic, labour disputes (including labour disputes involving the work force or any part thereof of the Seller or Supplier), restraints or delays affecting shipping or carriers, licensing, exporting or importing restrictions, currency restrictions and Acts of God then further performance of the Contract shall be suspended for the period during which the Seller is so prevented provided that in the event of the Contract being suspended for a continuous period of more than 3 months then either party may give the other notice in writing to terminate the Contract forthwith and in such circumstances the Buyer shall pay for all Goods or Services supplied to the date of such termination such payment to be made on or before the last day following the month during which termination was effected. The Seller shall be under no liability whatsoever to the Buyer for any direct or consequential loss or damage suffered by the Buyer as a result of the Seller's inability to perform its obligations under the Contract in these circumstances
- 10.4 The Seller's rights contained in Condition 17 (but not the Buyer's rights) shall continue beyond the discharge of the parties' primary obligations under the Contract consequent upon its termination
- 10.5 The termination of the Contract for whatever reason will be without prejudice to the rights and duties of either party accrued prior to termination
- 11 INSPECTION AND CLAIMS FOR DEFECTS**
- 11.1 The Goods are of a highly specialised nature and must be treated with the utmost care. It is essential that the Buyer checks that they correspond in all respects with the Buyer's requirements. Any discrepancies should be notified to the Seller immediately. The Buyer undertakes to ensure that all Goods are unpacked and handled only by persons qualified to deal with such specialised products, to safeguard against injury to the Goods or to the Buyer's personnel
- 11.2 The Buyer shall inspect the Goods and carry out tests to ensure the Goods conform with the description of the Goods or Services in the Buyer's orders within 7 days of Delivery and whether or not the Buyer carries out such obligation to inspect and test no claims for non-delivery, shortages in quantity of units delivered, defective Goods or Services, non-conformity to description or partial loss or damage to Goods will be accepted by the Seller unless:-
- 11.2.1 they are notified in writing by the Buyer to the Seller within 10 days after the Date of Delivery (in the case of partial loss, damage, non-conforming or defective Goods or Services) or 14 days after the date of the invoice (in the case of non-delivery);
- 11.2.2 the Goods in respect of which a claim is made together with all the relevant packing are preserved intact as received for a period of 35 days from notification of any such claim and the Buyer permits the Seller or its servants or agents full and free right of access to inspect the Goods and investigate the claim; and
- 11.2.3 if the Buyer fails to give the appropriate notice as specified in Condition 11.2.1, the Buyer's claim will be deemed to have been waived and will be absolutely barred
- 11.3 It is in all cases the responsibility of the Buyer to ensure by testing or otherwise that the Goods are fit and suitable for the purposes for which the Buyer requires them in the conditions in which they will be used. The Buyer acknowledges that the Seller shall be under no liability of any description to the Buyer if the Goods prove to be unsuitable for whatever reason for application or use notwithstanding that the Seller may, at the request of the Buyer, have given in good faith technical or other advice in relation to the proposed application or use of the Goods and the Buyer shall indemnify and keep indemnified the Seller in full against any and all liability of any kind arising out of or connected with the application or use of the Goods
- 11.4 Section 3 Sale and Supply of Goods Act 1994 shall not apply
- 11.5 The Seller will not accept the return of Goods in any circumstances unless it has first issued a Goods return number and such number is quoted with the returned Goods
- 12 WARRANTY**
- 12.1 In substitution for all and any other rights which the Buyer might or would have had but for these Conditions and subject to Condition 11,

Conditions of Sale

the Seller shall make good by replacement any failure in the Goods or Services which results from defects in the Seller's materials or workmanship and which appear not later than 2 months after the Date of Delivery and shall replace any Goods or Services which do not conform with the description in the Buyer's order

- 12.2 Notwithstanding the provisions of Condition 12.1, in the case of a claim falling within Condition 12.1, the Seller reserves the right at its sole discretion to credit the Buyer in full the price paid by the Buyer to the Seller
- 12.3 The Seller's liability under this Condition shall automatically cease if:
- 12.3.1 the Buyer has not paid for all Goods or Services supplied under any Contract by the due date or is otherwise in breach of this or any other Contract made with the Seller; or
- 12.3.2 the Seller or its servants or agents are denied full and free right of access to the allegedly defective Goods; or
- 12.3.3 the Buyer has not properly maintained the Goods or has not complied with any Recommendations for Use; or
- 12.3.4 the defect or failure is caused by a breach by the Buyer of its undertakings and warranties contained in Condition 17; or
- 12.3.5 the Buyer has failed to notify the Seller in writing of any defect or suspected defect within 14 days of the same coming to the knowledge of the Buyer
- 12.4 The warranty set out in Condition 12.1 shall be in lieu of any warranties conditions or undertakings whether express or implied by statute, common law or otherwise howsoever which warranties, conditions and undertakings are hereby expressly excluded, except that such exclusions will not apply to any implied condition that the Seller has or will have the right to sell the Goods when the property is to pass
- 12.5 Nothing in these Conditions excludes or limits the liability of the Seller for death or personal injury caused by the Seller's negligence or fraudulent misrepresentation
- 12.6 SUBJECT TO CONDITIONS 12.4 AND 12.5
- 12.6.1 the seller's total liability in contract, tort (including negligence or breach of statutory duty), misrepresentation or otherwise, arising in connection with the performance or contemplated performance of the contract shall be limited to the price paid for the goods or services under the contract; and
- 12.6.2 the seller shall not be liable to the buyer for any indirect or consequential loss or damage (whether for loss of profit, loss of business, depletion of goodwill or otherwise), costs, expenses or other claims for consequential compensation whatsoever (however caused) which arise out of or in connection with the contract

13 CONSUMER SALES

- 13.1 Where the Goods are sold under a consumer sale (as defined by the Sale of Goods Act 1979) the statutory rights of the Buyer are not affected by these conditions

14 TITLE TO GOODS

- 14.1 Full legal and beneficial ownership of the Goods shall be retained by the Seller notwithstanding that the risk in the same shall pass to the Buyer at the time of delivery until the Seller has received payment in full in respect of
- 14.1.1 The Goods; and
- 14.1.2 All other sums which become due and owing by the Buyer to the Seller on any account whatsoever
- 14.2 Until ownership of the Goods has passed to the Buyer the Buyer shall hold the Goods in a fiduciary capacity and as bailee of the Seller and shall at all times take proper care of the same and will not obliterate or obscure any identifying mark or their packaging and will keep the Goods separate from any other goods and in such manner that they may be clearly identified as belonging to the Seller and the Buyer hereby grants to the Seller the right to enter on the Buyer's premises at any time during the continuation of the Contract to check that the Buyer is complying with the obligation contained in this Condition. The Buyer will return the Goods to the Seller if it receives a request whether verbally or in Writing so to do prior to payment in full as aforesaid having been made and the Seller will then repay any part of the purchase price it has already received in respect of the Goods less a reasonable amount in respect of its costs and expenses in connection with the Contract
- 14.3 For the purposes of Condition 14.1, the expression "the Buyer" includes any subsidiary or holding company or associate of the Buyer (as such terms are defined in the Companies Act 1985 (as amended))
- 14.4 The Seller will have the right to maintain an action against the Buyer for the price of the Goods notwithstanding that property in the Goods has not been passed

15 RISK AND INSURANCE

- 15.1 The risk in the Goods shall pass to the Buyer at the time of delivery as provided for in Condition 7
- 15.2 Notwithstanding the reservation of title contained in Condition 14, the Buyer shall insure the Goods and/or any products made wholly or partly therefrom for the full amount of the price payable under the Contract with an insurance office of repute from the time of delivery of the Goods until the date title in the Goods passes to the Buyer pursuant to Condition 14.1

16 EXPORT TERMS

- 16.1 In these Conditions "Incoterms" means the international rules for the interpretation of trade terms of the International Chamber of Commerce

as in force at the date when the Contract is made. Unless the context otherwise requires, any term or expression which is defined in or given a particular meaning by the provisions of Incoterms has the same meaning in the Contract

- 16.2 Where the Goods are supplied for export from the United Kingdom then unless otherwise agreed in writing between the Buyer and the Seller

- 16.2.1 the provisions of Incoterms shall (subject to any special terms agreed in writing between the Buyer and the Seller) apply but if there is any conflict between the provisions of Incoterms and these Conditions, the latter shall prevail.
- 16.2.2 the Buyer shall be responsible for complying with any legislation or regulations governing the importation of the Goods into the country of destination and (save in respect of the United States of America, Canada and Japan) for the payment of any duties and taxes thereon unless payment for these is included in the Contract
- 16.2.3 the Buyer shall be deemed to have satisfied itself that such Goods comply with the safety regulations of any country or state in which the Goods are to be used outside the United Kingdom and the Buyer shall indemnify and keep indemnified the Seller in full for any loss or damage whatsoever which the Seller may incur if such Goods do not comply with such safety regulations

- 16.3 The Goods shall not be used in any country other than that for which the Seller was aware they were originally ordered without the Seller's consent in writing

- 16.4 The Buyer undertakes not to offer the Goods for resale in any country notified by the Seller at or before the time the Buyer's order is placed, or to sell the Goods to any person if the Buyer knows or has reason to believe that person intends to resell the Goods in any such country

17 BUYER'S WARRANTIES

- 17.1 The Buyer warrants to the Seller that:
- 17.1.1 the Buyer will install, operate or otherwise use or store the Goods strictly in accordance with the Recommendations for Use and with all relevant or applicable statutory or other regulations governing the installation, operation, use or storage of the Goods; and
- 17.1.2 any collection vehicle, container, ship or other means of transport provided by the Buyer or any agent of the Buyer will comply with all relevant legislation and regulations relating to health and safety requirements; and
- 17.1.3 the storage and transport facilities and all parts thereof and all equipment used in connection therewith is suitable for storage (both short term and long term) and transport of the Goods and complies with any statute, regulation, bye law or other rule having the force of law and relating to the storage of goods of the nature of the Goods; and
- 17.1.4 the Buyer will ensure that the Goods are stored in conditions appropriate to goods of that nature and will comply with any recommendations as to the storage of Goods notified to it by the Seller from time to time; and
- 17.2 The Buyer shall indemnify and keep indemnified the Seller in full against any claim, loss or damage (including, without limitation, damage to the reputation of the Seller) arising directly or indirectly from any breach of the warranty contained in Condition 17.1

18 SEVERANCE

- 18.1 If at any time any one or more of the provisions or part thereof of these Conditions becomes or is invalid, illegal or unenforceable in any respect under any law or is held by a court to be invalid, illegal or unenforceable, the validity and enforceability of the remaining provisions hereof and the remainder of such provision shall not in any way be affected or impaired thereby

19 JURISDICTION

- 19.1 These Conditions and each and every Contract made pursuant to them shall be governed by and construed in all respects in accordance with the laws of England and the Seller and the Buyer hereby agree to submit to the non-exclusive jurisdiction of the English Courts

20 NOTICES

- 20.1 Any notice required or permitted to be given by either party to the other under these Conditions shall be in writing addressed to that other party at its registered office or principal place of business or such other address as may at the relevant time have been notified pursuant to this provision to the party giving notice
- 20.2 Any notice given pursuant to clause 20.1 shall be deemed to have been served:
- 20.2.1 if delivered by hand, on the first Business Day following delivery;
- 20.2.2 if sent by post, on the third Business Day after posting if the address of the recipient is in the country of despatch, otherwise on the seventh Business Day after posting;
- 20.2.3 if sent by facsimile transmission, on the first Business Day following successful transmission
- 20.3 In proving service it shall be sufficient proof in the case of a notice sent by post, that the envelope containing the same was properly stamped, addressed and placed in the post and, in the case of facsimile transmission, that it was properly addressed and successfully transmitted
- 20.4 In this Condition 20, "Business Day" shall mean any day other than Saturday, Sunday or any other day which is a public holiday in the place at which the notice is left or to which such notice is despatched

21 WAIVER

Conditions of Sale

21.1 No waiver by the Seller of any breach of any provision of the Contract by the Buyer shall be considered as a waiver of any subsequent breach

of the same or any other provision and the Seller shall not be prejudiced by any forbearance or indulgence granted by it to the Buyer

Copper - O.F.H.C.

Cu - OFHC



Foil

CV000305 Thickness **0.006mm**
 Temper **Hard**

Purity **99.95+%**

NLT Sizes

Web Code

645-385-566
 503-008-171
 155-558-762

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
50 x 50 mm	YEN 15300	YEN 16700	YEN 19800	YEN 23600	YEN 29800
100 x 100 mm	YEN 18100	YEN 20800	YEN 26200	YEN 32600	YEN 42600
200 x 200 mm	YEN 23800	YEN 28800	YEN 38800	YEN 50500	YEN 68000

Sizes LT

Web Code

918-194-687
 347-891-918

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	YEN 13900	YEN 14700	YEN 16600	YEN 19200	YEN 23600
50 x 50 mm	YEN 16800	YEN 18400	YEN 21800	YEN 26000	YEN 32800

Coil

Web Code

019-134-197
 508-743-417
 294-194-981
 457-255-750

Length	Quantity	
	1 Reel	
0.5 m	YEN 34400	
1 m	YEN 41800	
2 m	YEN 52500	
5 m	YEN 73500	

Discs

Web Code

000-739-092
 535-332-013
 449-275-562
 653-244-606
 284-324-704
 120-691-763
 872-258-134

Diameter	Quantity		
	10 discs	20 discs	50 discs
4 mm	YEN 25800	YEN 29000	YEN 37400
6 mm	YEN 26200	YEN 29600	YEN 38200
8 mm	YEN 26600	YEN 30200	YEN 39200
10 mm	YEN 27000	YEN 30800	YEN 40200
15 mm	YEN 28000	YEN 32400	YEN 42600
25 mm	YEN 30200	YEN 35400	YEN 47400
50 mm	YEN 35600	YEN 43000	YEN 59500

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.
 Phosphorus deoxidised Copper.

CV000306 Thickness **0.007mm**
 Temper **Hard**

Purity **99.95+%**

NLT Sizes

Web Code

803-049-046
 389-462-577
 697-745-429

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
50 x 50 mm	YEN 15200	YEN 16500	YEN 19500	YEN 23200	YEN 29400
100 x 100 mm	YEN 17900	YEN 20400	YEN 25600	YEN 31800	YEN 41400
200 x 200 mm	YEN 23400	YEN 28000	YEN 37800	YEN 49000	YEN 67500

Sizes LT

Web Code

416-376-528
 941-854-346

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	YEN 13800	YEN 14600	YEN 16500	YEN 19000	YEN 23200
50 x 50 mm	YEN 16700	YEN 18200	YEN 21400	YEN 25600	YEN 32200

Coil

Web Code

820-952-513
 347-138-287
 936-941-242
 831-981-338

Length	Quantity	
	1 Reel	
0.5 m	YEN 33600	
1 m	YEN 40800	
2 m	YEN 51000	
5 m	YEN 80000	

Discs

Web Code

286-487-165
 803-885-467
 562-642-612
 362-525-473
 110-902-030
 325-530-423
 452-544-714

Diameter	Quantity		
	10 discs	20 discs	50 discs
4 mm	YEN 25600	YEN 29000	YEN 37200
6 mm	YEN 26000	YEN 29600	YEN 38200
8 mm	YEN 26600	YEN 30200	YEN 39000
10 mm	YEN 27000	YEN 30800	YEN 40000
15 mm	YEN 28000	YEN 32200	YEN 42400
25 mm	YEN 30000	YEN 35200	YEN 47000
50 mm	YEN 35200	YEN 42400	YEN 58500

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.
 Phosphorus deoxidised Copper.

Metal - Copper - O.F.H.C.

Copper - O.F.H.C.

Cu - OFHC



Foil

CV000307

Thickness **0.008mm**
 Temper **Hard**

Purity **99.95+%**

NLT Sizes

Web Code
 798-580-180
 683-555-915
 857-303-280

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
50 x 50 mm	YEN 15200	YEN 16700	YEN 19700	YEN 23600	YEN 29800
100 x 100 mm	YEN 18100	YEN 20600	YEN 26000	YEN 32400	YEN 42400
200 x 200 mm	YEN 23600	YEN 28600	YEN 38600	YEN 50000	YEN 67500

Sizes LT

Web Code
 850-276-866
 372-302-963

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	YEN 13800	YEN 14700	YEN 16600	YEN 19100	YEN 23400
50 x 50 mm	YEN 16800	YEN 18300	YEN 21600	YEN 26000	YEN 32800

Coil

Web Code
 022-199-038
 768-524-688
 510-832-541
 832-538-323

Length	Quantity	
	1 Reel	
0.5 m	YEN 34200	
1 m	YEN 41600	
2 m	YEN 52000	
5 m	YEN 73000	

Discs

Web Code
 575-917-609
 693-872-611
 479-417-685
 465-665-800
 368-886-431
 243-521-747
 774-599-453

Diameter	Quantity		
	10 discs	20 discs	50 discs
4 mm	YEN 25800	YEN 29000	YEN 37400
6 mm	YEN 26200	YEN 29600	YEN 38200
8 mm	YEN 26600	YEN 30200	YEN 39200
10 mm	YEN 27000	YEN 30800	YEN 40200
15 mm	YEN 28000	YEN 32400	YEN 42600
25 mm	YEN 30200	YEN 35400	YEN 47400
50 mm	YEN 35600	YEN 43000	YEN 59500

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.
 Phosphorus deoxidised Copper.

CV000311

Thickness **0.010mm**
 Purity **99.95+%**

Coil width **25mm**
 Temper **Hard**

Coil

Web Code
 809-978-893
 608-821-831
 496-482-365
 104-251-693

Length	Quantity	
	1 Reel	
1 m	YEN 24400	
5 m	YEN 34600	
10 m	YEN 42400	
20 m	YEN 54000	

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.
 Phosphorus deoxidised Copper.

CV000310

Thickness **0.010mm**
 Temper **Hard**

Purity **99.95+%**

Size

Web Code
 997-271-942
 755-036-954
 808-025-696
 712-765-318

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	YEN 13700	YEN 14500	YEN 16300	YEN 18700	YEN 22800
50 x 50 mm	YEN 15000	YEN 16300	YEN 19100	YEN 22600	YEN 28400
100 x 100 mm	YEN 17500	YEN 19800	YEN 24800	YEN 30600	YEN 39800
150 x 150 mm	YEN 20000	YEN 23400	YEN 30400	YEN 38600	YEN 51000

Coil

Web Code
 165-684-005
 428-737-236
 913-643-624
 772-487-722

Length	Quantity	
	1 Reel	
0.5 m	YEN 30200	
1 m	YEN 36000	
2 m	YEN 44200	
5 m	YEN 60500	

Discs

Web Code
 322-692-592
 178-198-372
 030-181-926
 409-502-227
 208-375-610
 804-770-284
 256-407-931

Diameter	Quantity		
	10 discs	20 discs	50 discs
4 mm	YEN 25600	YEN 29000	YEN 37200
6 mm	YEN 26000	YEN 29400	YEN 38000
8 mm	YEN 26400	YEN 30000	YEN 38800
10 mm	YEN 26800	YEN 30600	YEN 39600
15 mm	YEN 27800	YEN 32000	YEN 41800
25 mm	YEN 29600	YEN 34600	YEN 46200
50 mm	YEN 34400	YEN 41400	YEN 57000

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.
 Phosphorus deoxidised Copper.

Metal - Copper - O.F.H.C.

Copper - O.F.H.C.

Cu - OFHC



Foil

CV000361

Thickness **0.02mm**
 Purity **99.95+%**

Coil width **6.35mm**
 Temper **Annealed**

Coil

Width 6.35mm

Quantity

Web Code	Length	1 Reel
179-922-668	1 m	YEN 14800
973-555-828	5 m	YEN 18200
099-072-412	10 m	YEN 21000
603-125-303	20 m	YEN 25200
771-599-759	50 m	YEN 34400

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.
 Phosphorus deoxidised Copper.

CV000371

Thickness **0.025mm**
 Temper **Annealed**

Purity **99.95+%**

Size

Quantity

Web Code	Size	1pc	2pcs	5pcs	10pcs	20pcs
323-928-636	25 x 25 mm	YEN 13300	YEN 13900	YEN 15300	YEN 17400	YEN 21000
543-080-337	50 x 50 mm	YEN 14100	YEN 15100	YEN 17200	YEN 20000	YEN 24800
888-882-137	100 x 100 mm	YEN 15800	YEN 17500	YEN 21000	YEN 25400	YEN 32400
811-173-905	150 x 150 mm	YEN 17500	YEN 19900	YEN 24800	YEN 30800	YEN 39800

Coil

Width 150mm

Quantity

Web Code	Length	1 Reel
185-332-465	0.5 m	YEN 25600
622-715-926	1 m	YEN 29600
569-443-890	2 m	YEN 35000
472-024-650	5 m	YEN 46200
892-135-645	10 m	YEN 58500

Discs

Quantity

Web Code	Diameter	10 discs	20 discs	50 discs
214-326-755	4 mm	YEN 25400	YEN 28600	YEN 36600
084-532-468	6 mm	YEN 25600	YEN 29000	YEN 37200
264-992-684	8 mm	YEN 25800	YEN 29400	YEN 37600
160-689-226	10 mm	YEN 26200	YEN 29600	YEN 38200
954-587-088	15 mm	YEN 26800	YEN 30600	YEN 39800
963-250-274	25 mm	YEN 28000	YEN 32400	YEN 42600
358-525-421	50 mm	YEN 31200	YEN 37000	YEN 49800

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.
 Phosphorus deoxidised Copper.

CV000370

Thickness **0.025mm**
 Temper **Hard**

Purity **99.95+%**

Size

Quantity

Web Code	Size	1pc	2pcs	5pcs	10pcs	20pcs
455-927-135	25 x 25 mm	YEN 13300	YEN 13900	YEN 15300	YEN 17400	YEN 21000
990-899-820	50 x 50 mm	YEN 14100	YEN 15100	YEN 17200	YEN 20000	YEN 24800
862-475-242	100 x 100 mm	YEN 15800	YEN 17500	YEN 21000	YEN 25400	YEN 32400
809-411-581	150 x 150 mm	YEN 17500	YEN 19900	YEN 24800	YEN 30800	YEN 39800

Coil

Width 152mm

Quantity

Web Code	Length	1 Reel
176-443-500	0.5 m	YEN 25800
055-444-463	1 m	YEN 29600
930-559-011	2 m	YEN 35200
319-880-986	5 m	YEN 46400
985-115-549	10 m	YEN 59000

Discs

Quantity

Web Code	Diameter	10 discs	20 discs	50 discs
139-441-244	4 mm	YEN 25400	YEN 28600	YEN 36600
430-154-305	6 mm	YEN 25600	YEN 29000	YEN 37200
769-298-902	8 mm	YEN 25800	YEN 29400	YEN 37600
162-367-388	10 mm	YEN 26200	YEN 29600	YEN 38200
295-915-566	15 mm	YEN 26800	YEN 30600	YEN 39800
989-446-001	25 mm	YEN 28000	YEN 32400	YEN 42600
680-755-670	50 mm	YEN 31200	YEN 37000	YEN 49800

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.
 Phosphorus deoxidised Copper.

Metal - Copper - O.F.H.C.

Copper - O.F.H.C.

Cu - OFHC



Foil

CV000372

Thickness **0.025mm**
 Temper **Annealed**

Purity **99.95+%**

Size

Web Code
 133-162-287

Size	Quantity			
	1pc	2pcs	5pcs	10pcs
300 x 300 mm	YEN 22600	YEN 27000	YEN 36200	YEN 46800

Coil

Web Code
 273-303-648
 618-927-920
 068-219-174
 468-097-823

Width 305mm

Length	1 Reel	
	Quantity	Price
0.5 m	YEN 29600	
1 m	YEN 35200	
2 m	YEN 43000	
5 m	YEN 58500	

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.
 Phosphorus deoxidised Copper.

CV000503

Thickness **0.05mm**
 Purity **99.95+%**

Coil width **10mm**
 Temper **Annealed**

Coil

Web Code
 252-616-572
 097-796-865
 995-278-449
 585-162-858
 789-466-110

Width 10mm

Length	1 Reel	
	Quantity	Price
1 m	YEN 14800	
5 m	YEN 17200	
10 m	YEN 19200	
20 m	YEN 22200	
50 m	YEN 29200	

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.
 Phosphorus deoxidised Copper.

CV000500

Thickness **0.05mm**
 Temper **Hard**

Purity **99.95+%**

Size

Web Code
 094-456-645
 807-082-612
 885-334-563
 666-813-119

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	YEN 12000	YEN 12400	YEN 13500	YEN 15200	YEN 18200
50 x 50 mm	YEN 12400	YEN 13000	YEN 14500	YEN 16500	YEN 20200
100 x 100 mm	YEN 13300	YEN 14200	YEN 16400	YEN 19200	YEN 23800
150 x 150 mm	YEN 14100	YEN 15400	YEN 18300	YEN 21800	YEN 27600

Coil

Web Code
 351-646-832
 955-857-212
 482-160-230
 270-034-062
 754-255-318

Width 150mm

Length	1 Reel	
	Quantity	Price
0.5 m	YEN 17700	
1 m	YEN 19700	
2 m	YEN 22400	
5 m	YEN 28000	
10 m	YEN 34600	

Discs

Web Code
 281-915-515
 239-438-981
 929-872-743
 234-094-915
 261-868-672
 733-585-569
 698-188-557

Diameter	Quantity		
	10 discs	20 discs	50 discs
4 mm	YEN 22800	YEN 25200	YEN 31800
6 mm	YEN 22800	YEN 25400	YEN 32000
8 mm	YEN 23000	YEN 25600	YEN 32200
10 mm	YEN 23000	YEN 25800	YEN 32400
15 mm	YEN 23400	YEN 26200	YEN 33000
25 mm	YEN 23800	YEN 26800	YEN 34200
50 mm	YEN 25200	YEN 28800	YEN 37200

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.
 Phosphorus deoxidised Copper.

CV000501

Thickness **0.05mm**
 Temper **Hard**

Purity **99.95+%**

Size

Web Code
 557-294-680

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
300 x 300 mm	YEN 16700	YEN 19000	YEN 24000	YEN 29800	YEN 39000

Coil

Web Code
 941-802-937
 508-552-166
 029-494-865
 644-965-597
 013-964-259

Width 300mm

Length	1 Reel	
	Quantity	Price
0.5 m	YEN 19600	
1 m	YEN 22400	
2 m	YEN 26200	
5 m	YEN 34200	
10 m	YEN 43200	

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.
 Phosphorus deoxidised Copper.

Metal – Copper - O.F.H.C.

Copper - O.F.H.C.

Cu - OFHC



Foil

CV000504

Thickness **0.05mm**
 Purity **99.95+%**

Coil width **300mm**
 Temper **Half hard**

Coil

Width 300mm

Quantity

Web Code	Length	1 Reel
505-749-118	0.5 m	YEN 19600
415-484-623	1 m	YEN 22400
403-981-612	2 m	YEN 26200
652-215-129	5 m	YEN 34200
137-078-629	10 m	YEN 43200

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV000502

Thickness **0.05mm**
 Temper **Annealed**

Purity **99.95+%**

Size

Quantity

Web Code	Size	1pc	2pcs	5pcs	10pcs	20pcs
476-475-143	25 x 25 mm	YEN 12000	YEN 12400	YEN 13500	YEN 15200	YEN 18200
862-919-720	50 x 50 mm	YEN 12400	YEN 13000	YEN 14500	YEN 16500	YEN 20200
520-490-113	100 x 100 mm	YEN 13300	YEN 14200	YEN 16400	YEN 19200	YEN 23800
359-836-154	150 x 150 mm	YEN 14100	YEN 15400	YEN 18300	YEN 21800	

Coil

Width 300mm

Quantity

Web Code	Length	1 Reel
638-280-744	0.5 m	YEN 19600
161-959-345	1 m	YEN 22400
463-417-831	2 m	YEN 26200
933-526-190	5 m	YEN 34200
681-091-382	10 m	YEN 43200

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.
 Phosphorus deoxidised Copper.

CV000541

Thickness **0.075mm**
 Purity **99.95+%**

Coil width **0.43mm**

Coil

Width 0.43mm

Quantity

Web Code	Length	1 Reel
194-591-437	1 m	YEN 13100
871-197-929	5 m	YEN 14000
486-772-484	10 m	YEN 14800
052-120-330	20 m	YEN 16200
080-394-158	50 m	YEN 19900
926-901-529	100 m	YEN 25400

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV000540

Thickness **0.075mm**
 Temper **Half hard**

Purity **99.95+%**

Size

Quantity

Web Code	Size	1pc	2pcs	5pcs	10pcs	20pcs
273-572-400	25 x 25 mm	YEN 11600	YEN 12100	YEN 13100	YEN 14600	YEN 17400
196-551-529	50 x 50 mm	YEN 12200	YEN 12800	YEN 14300	YEN 16300	YEN 19700
568-942-263	100 x 100 mm	YEN 13200	YEN 14300	YEN 16600	YEN 19600	YEN 24400
117-780-045	150 x 150 mm	YEN 14200	YEN 15700	YEN 18900	YEN 22800	YEN 29000

Coil

Width 150mm

Quantity

Web Code	Length	1 Reel
722-509-499	0.5 m	YEN 18300
313-677-186	1 m	YEN 20800
209-644-276	2 m	YEN 24200
205-536-561	5 m	YEN 31000
692-072-405	10 m	YEN 38800

Discs

Quantity

Web Code	Diameter	10 discs	20 discs	50 discs
509-053-571	4 mm	YEN 22000	YEN 24200	YEN 29400
631-690-949	6 mm	YEN 22000	YEN 24400	YEN 29800
961-362-963	8 mm	YEN 22200	YEN 24600	YEN 30000
170-370-315	10 mm	YEN 22400	YEN 24800	YEN 30400
296-290-081	15 mm	YEN 22600	YEN 25200	YEN 31000
036-250-513	25 mm	YEN 23400	YEN 26000	YEN 32600
531-323-304	50 mm	YEN 25000	YEN 28400	YEN 36200

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.
 Stock may be either Hard or Half-hard. We will supply whichever is available at the time your order is received.

CV000563

Thickness **0.1mm**
 Purity **99.95+%**

Coil width **7.5mm**
 Temper **Annealed**

Coil

Width 7.5mm

Quantity

Web Code	Length	1 Reel
362-722-801	1 m	YEN 15700
462-293-060	5 m	YEN 19300
869-623-828	10 m	YEN 22200
895-169-865	20 m	YEN 26400
643-605-605	50 m	YEN 35800

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

Metal – Copper - O.F.H.C.

Copper - O.F.H.C.

Cu - OFHC



Foil

CV000562

Thickness **0.1mm**
 Purity **99.95+%**

Coil width **100mm**
 Temper **Hard**

Coil

Width 100mm

Quantity

Web Code

Length

1 Reel

159-934-232	0.5 m	YEN 17400
277-519-671	1 m	YEN 19600
472-553-624	2 m	YEN 22600
321-667-616	5 m	YEN 29000
922-481-288	10 m	YEN 36200
917-764-592	20 m	YEN 46600

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV000560

Thickness **0.1mm**
 Temper **Hard**

Purity **99.95+%**

Size

Quantity

Web Code

Size

1pc

2pcs

5pcs

10pcs

20pcs

415-421-188	25 x 25 mm	YEN 11300	YEN 11700	YEN 12800	YEN 14400	YEN 17300
927-649-747	50 x 50 mm	YEN 11800	YEN 12500	YEN 14100	YEN 16200	YEN 19800
956-218-125	100 x 100 mm	YEN 13000	YEN 14200	YEN 16700	YEN 19900	YEN 25000
527-266-086	150 x 150 mm	YEN 14200	YEN 15800	YEN 19300	YEN 23600	YEN 30200

Discs

Quantity

Web Code

Diameter

10 discs

20 discs

50 discs

152-550-429	4 mm	YEN 21600	YEN 23800	YEN 29200
068-805-071	6 mm	YEN 21600	YEN 24000	YEN 29400
600-636-235	8 mm	YEN 21800	YEN 24200	YEN 29800
079-536-443	10 mm	YEN 22000	YEN 24400	YEN 30000
942-053-580	15 mm	YEN 22400	YEN 24800	YEN 31000
756-695-422	25 mm	YEN 23000	YEN 26000	YEN 32600
586-927-300	50 mm	YEN 25000	YEN 28600	YEN 36600

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

Stock may be either Hard or Half-hard. We will supply whichever is available at the time your order is received.

CV000561

Thickness **0.1mm**
 Temper **Hard**

Purity **99.95+%**

Size

Quantity

Web Code

Size

1pc

2pcs

5pcs

10pcs

20pcs

084-874-566	300 x 300 mm	YEN 17600	YEN 20600	YEN 27000	YEN 34400	YEN 45600
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Coil

Width 300mm

Quantity

Web Code

Length

1 Reel

385-511-367	0.5 m	YEN 21200
129-195-189	1 m	YEN 25000
793-300-809	2 m	YEN 30200
234-768-337	5 m	YEN 40800
686-870-381	10 m	YEN 58000

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

Phosphorus deoxidised Copper.

CV000564

Thickness **0.1mm**
 Temper **Annealed**

Purity **99.95+%**

Size

Quantity

Web Code

Size

1pc

2pcs

5pcs

10pcs

20pcs

238-342-135	25 x 25 mm	YEN 11300	YEN 11700	YEN 12800	YEN 14400	YEN 17300
511-498-865	50 x 50 mm	YEN 11800	YEN 12500	YEN 14100	YEN 16200	YEN 19800
124-337-004	100 x 100 mm	YEN 13000	YEN 14200	YEN 16700	YEN 19900	YEN 25000
652-309-723	150 x 150 mm	YEN 14200	YEN 15800	YEN 19300	YEN 23600	YEN 30200
253-762-501	300 x 300 mm	YEN 17600	YEN 20600	YEN 27000	YEN 34400	YEN 45600

Coil

Width 300mm

Quantity

Web Code

Length

1 Reel

720-041-598	0.5 m	YEN 21200
496-756-186	1 m	YEN 25000
402-703-285	2 m	YEN 30200
211-345-179	5 m	YEN 40800
884-630-324	10 m	YEN 58000

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

Phosphorus deoxidised Copper.

Metal - Copper - O.F.H.C.

Copper - O.F.H.C.

Cu - OFHC



Foil

CV000565

Thickness **0.1mm**
 Temper **Half hard**

Purity **99.95+%**

Size

Web Code

585-406-755
 481-929-148
 963-612-639
 847-714-013
 714-742-496

Size
 25 x 25 mm
 50 x 50 mm
 100 x 100 mm
 150 x 150 mm
 300 x 300 mm

		Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs	
YEN 11300	YEN 11700	YEN 12800	YEN 14400	YEN 17300		
YEN 11800	YEN 12500	YEN 14100	YEN 16200	YEN 19800		
YEN 13000	YEN 14200	YEN 16700	YEN 19900	YEN 25000		
YEN 14200	YEN 15800	YEN 19300	YEN 23600	YEN 30200		
YEN 17600	YEN 20600	YEN 27000	YEN 34400	YEN 45600		

Coil

Web Code

193-505-697
 087-717-663
 512-146-540
 583-620-488
 957-738-545

Width 305mm

Length 1 Reel
 0.5 m YEN 21200
 1 m YEN 25000
 2 m YEN 30400
 5 m YEN 41200
 10 m YEN 58500

Quantity

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV000590

Thickness **0.125mm**
 Temper **Hard**

Purity **99.95+%**

Size

Web Code

365-917-905
 739-749-541
 468-697-772
 587-216-322

Size
 25 x 25 mm
 50 x 50 mm
 100 x 100 mm
 150 x 150 mm

		Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs	
YEN 10800	YEN 11200	YEN 12100	YEN 13500	YEN 15700		
YEN 11400	YEN 12000	YEN 13500	YEN 15300	YEN 18400		
YEN 12600	YEN 13700	YEN 16200	YEN 19100	YEN 23800		
YEN 13800	YEN 15400	YEN 18800	YEN 22800	YEN 29000		

Coil

Web Code

402-038-418
 254-800-878
 850-110-617
 263-833-495
 979-186-447

Width 150mm

Length 1 Reel
 0.5 m YEN 18300
 1 m YEN 21000
 2 m YEN 25000
 5 m YEN 32800
 10 m YEN 41800

Quantity

Discs

Web Code

398-302-275
 787-783-665
 472-956-037
 119-500-629
 937-577-863
 197-231-367
 653-923-535

		Quantity		
Diameter		10 discs	20 discs	50 discs
4 mm	YEN 20600	YEN 22200	YEN 25600	
6 mm	YEN 20600	YEN 22400	YEN 26000	
8 mm	YEN 20800	YEN 22600	YEN 26400	
10 mm	YEN 21000	YEN 22800	YEN 26600	
15 mm	YEN 21400	YEN 23400	YEN 27600	
25 mm	YEN 22200	YEN 24400	YEN 29200	
50 mm	YEN 24000	YEN 27000	YEN 33400	

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

Stock may be either Hard or Half-hard. We will supply whichever is available at the time your order is received.

CV000640

Thickness **0.15mm**
 Temper **Half hard**

Purity **99.95+%**

Size

Web Code

740-444-037
 555-511-804
 438-985-632
 873-206-624

Size
 25 x 25 mm
 50 x 50 mm
 100 x 100 mm
 150 x 150 mm

		Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs	
YEN 10800	YEN 11300	YEN 12200	YEN 13600	YEN 15900		
YEN 11500	YEN 12100	YEN 13600	YEN 15600	YEN 18700		
YEN 12700	YEN 13900	YEN 16500	YEN 19600	YEN 24400		
YEN 14000	YEN 15700	YEN 19300	YEN 23600	YEN 30000		

Coil

Web Code

150-828-820
 853-602-591
 700-318-219
 539-781-697
 472-703-147

Width 150mm

Length 1 Reel
 0.5 m YEN 18700
 1 m YEN 21600
 2 m YEN 25800
 5 m YEN 34000
 10 m YEN 43600

Quantity

Discs

Web Code

087-895-299
 986-907-982
 363-495-009
 436-883-575
 610-439-580
 304-948-192
 118-521-753

		Quantity		
Diameter		10 discs	20 discs	50 discs
4 mm	YEN 20600	YEN 22200	YEN 25800	
6 mm	YEN 20800	YEN 22400	YEN 26000	
8 mm	YEN 20800	YEN 22600	YEN 26400	
10 mm	YEN 21000	YEN 22800	YEN 26800	
15 mm	YEN 21400	YEN 23400	YEN 27600	
25 mm	YEN 22200	YEN 24600	YEN 29400	
50 mm	YEN 24200	YEN 27400	YEN 34000	

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

Metal – Copper - O.F.H.C.

Copper - O.F.H.C.

Cu - OFHC



Foil

CV000641

Thickness **0.15mm**
 Temper **Half hard**

Purity **99.95+%**

Size

Web Code
 163-247-030

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
300 x 300 mm	YEN 17800	YEN 21000	YEN 27800	YEN 35600	YEN 47000

Coil

Web Code
 245-691-416
 291-397-787
 385-367-461
 101-833-401
 633-593-094

Length	Quantity	
	1 Reel	
0.5 m	YEN 21600	
1 m	YEN 25800	
2 m	YEN 31600	
5 m	YEN 43400	
10 m	YEN 62000	

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV000670

Thickness **0.20mm**
 Temper **Hard**

Purity **99.95+%**

Size

Web Code
 511-778-549
 349-965-066
 485-138-213
 996-071-020
 951-646-234

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	YEN 10900	YEN 11400	YEN 12400	YEN 13900	YEN 16300
50 x 50 mm	YEN 11700	YEN 12400	YEN 14100	YEN 16200	YEN 19600
100 x 100 mm	YEN 13100	YEN 14500	YEN 17300	YEN 20800	YEN 26200
150 x 150 mm	YEN 14600	YEN 16500	YEN 20600	YEN 25400	
300 x 300 mm	YEN 19000	YEN 22800	YEN 30400		

Coil

Web Code
 186-023-223
 909-257-354
 242-488-641

Length	Quantity	
	1 Reel	
0.5 m	YEN 23200	
1 m	YEN 28000	
2 m	YEN 34800	

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV000702

Thickness **0.25mm**
 Temper **Annealed**

Purity **99.95+%**

Size

Web Code
 138-095-286
 485-220-674
 415-813-351
 539-602-836
 902-472-375

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	YEN 10100	YEN 10600	YEN 11600	YEN 13000	YEN 15500
50 x 50 mm	YEN 10800	YEN 11600	YEN 13200	YEN 15300	YEN 18800
100 x 100 mm	YEN 12300	YEN 13700	YEN 16500	YEN 20000	YEN 25200
150 x 150 mm	YEN 13700	YEN 15700	YEN 19800	YEN 24600	YEN 31800
300 x 300 mm	YEN 18100	YEN 22000	YEN 29600	YEN 38400	

Coil

Web Code
 848-991-217
 871-348-123
 225-412-393
 095-300-187

Length	Quantity	
	1 Reel	
0.5 m	YEN 22200	
1 m	YEN 27000	
2 m	YEN 33800	
5 m	YEN 47200	

Discs

Web Code
 703-522-434
 870-393-881
 853-315-490
 418-117-247
 522-212-713
 117-173-993
 049-103-414

Diameter	Quantity		
	10 discs	20 discs	50 discs
4 mm	YEN 19800	YEN 21400	YEN 25000
6 mm	YEN 19900	YEN 21600	YEN 25400
8 mm	YEN 20200	YEN 22000	YEN 25800
10 mm	YEN 20400	YEN 22200	YEN 26200
15 mm	YEN 20800	YEN 22800	YEN 27200
25 mm	YEN 21800	YEN 24200	YEN 29400
50 mm	YEN 24000	YEN 27400	YEN 34600

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

Metal - Copper - O.F.H.C.

Copper - O.F.H.C.

Cu - OFHC



Foil

CV000700

Thickness **0.25mm**
 Temper **Half hard**

Purity **99.95 + %**

Size

Web Code

815-224-463
 903-053-888
 881-736-477
 217-051-407
 519-892-489

Size
 25 x 25 mm
 50 x 50 mm
 100 x 100 mm
 150 x 150 mm
 300 x 300 mm

		Quantity				
		1pc	2pcs	5pcs	10pcs	20pcs
YEN	10100	YEN 10600	YEN 11600	YEN 13000	YEN 15500	
YEN	10800	YEN 11600	YEN 13200	YEN 15300	YEN 18800	
YEN	12300	YEN 13700	YEN 16500	YEN 20000	YEN 25200	
YEN	13700	YEN 15700	YEN 19800	YEN 24600	YEN 31800	
YEN	18100	YEN 22000	YEN 29600	YEN 38400		

Coil

Web Code

131-435-078
 429-377-687
 672-202-980
 025-372-989

Width 305mm

		1 Reel
Length		
0.5 m	YEN	22400
1 m	YEN	27200
2 m	YEN	33800
5 m	YEN	47400

Quantity

Discs

Web Code

171-622-327
 452-796-810
 599-610-228
 951-282-180
 910-268-626
 783-584-380
 948-047-792

Diameter
 4 mm
 6 mm
 8 mm
 10 mm
 15 mm
 25 mm
 50 mm

		Quantity		
		10 discs	20 discs	50 discs
YEN	19800	YEN 21400	YEN 25000	
YEN	19900	YEN 21600	YEN 25400	
YEN	20200	YEN 22000	YEN 25800	
YEN	20400	YEN 22200	YEN 26200	
YEN	20800	YEN 22800	YEN 27200	
YEN	21800	YEN 24200	YEN 29400	
YEN	24000	YEN 27400	YEN 34600	

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV000730

Thickness **0.3mm**
 Temper **Annealed**

Purity **99.95 + %**

Size

Web Code

047-252-119
 189-515-104
 019-427-925
 756-682-939
 695-872-291

Size
 25 x 25 mm
 50 x 50 mm
 100 x 100 mm
 150 x 150 mm
 300 x 300 mm

		Quantity				
		1pc	2pcs	5pcs	10pcs	20pcs
YEN	9900	YEN 10500	YEN 11600	YEN 13200	YEN 15900	
YEN	10800	YEN 11700	YEN 13600	YEN 16000	YEN 19900	
YEN	12600	YEN 14200	YEN 17600	YEN 21600	YEN 27800	
YEN	14400	YEN 16800	YEN 21600	YEN 27400		
YEN	19800	YEN 24400	YEN 35600			

Coil

Web Code

870-485-350
 822-992-139
 678-264-702

Width 300mm

		1 Reel
Length		
0.5 m	YEN	23400
1 m	YEN	30600
2 m	YEN	48800

Quantity

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV000740

Thickness **0.4mm**
 Temper **Half hard**

Purity **99.95 + %**
 Condition **Flattened**

Size

Web Code

084-307-350
 509-882-465
 288-504-969
 574-634-540
 406-693-534

Size
 25 x 25 mm
 50 x 50 mm
 100 x 100 mm
 150 x 150 mm
 300 x 300 mm

		Quantity				
		1pc	2pcs	5pcs	10pcs	20pcs
YEN	10100	YEN 10700	YEN 12100	YEN 13900	YEN 16900	
YEN	11300	YEN 12400	YEN 14700	YEN 17500	YEN 22000	
YEN	13500	YEN 15600	YEN 19800	YEN 24800		
YEN	15800	YEN 18800	YEN 24800			
YEN	22600	YEN 32200				

Discs

Web Code

530-739-745
 616-957-932
 126-720-427
 891-398-534
 103-514-046
 838-972-078
 762-460-720

Diameter
 4 mm
 6 mm
 8 mm
 10 mm
 15 mm
 25 mm
 50 mm

		Quantity		
		10 discs	20 discs	50 discs
YEN	19600	YEN 21400	YEN 25000	
YEN	19900	YEN 21800	YEN 25800	
YEN	20200	YEN 22200	YEN 26400	
YEN	20400	YEN 22600	YEN 27000	
YEN	21200	YEN 23600	YEN 28600	
YEN	22600	YEN 25600	YEN 32000	
YEN	26200	YEN 30800		

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV000745

Thickness **0.5mm**
 Temper **Half hard**
 Condition **Polished on both sides**

Purity **99.95 + %**
 Condition **Flattened**

Size

Web Code

432-906-825
 397-476-405
 228-537-520

Size
 50 x 50 mm
 100 x 100 mm
 200 x 200 mm

		Quantity			
		1pc	2pcs	5pcs	10pcs
YEN	16300	YEN 19000	YEN 25600	YEN 35000	
YEN	19800	YEN 24000	YEN 33400		
YEN	26800	YEN 34000			

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

Metal – Copper - O.F.H.C.

Copper - O.F.H.C.

Cu - OFHC



Foil

CV000744

Thickness **0.5mm**
 Temper **Half hard**

Purity **99.95+%**
 Condition **Flattened**

Size

Web Code
 844-971-254
 092-904-262

Size	Quantity		
	1pc	2pcs	5pcs
150 x 150 mm	YEN 17700	YEN 21200	YEN 28600
300 x 300 mm	YEN 25200	YEN 31800	

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV000743

Thickness **0.5mm**
 Temper **Half hard**

Purity **99.95+%**

Size

Web Code
 505-970-409
 246-302-296
 787-777-250
 472-151-334
 645-982-375

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	YEN 9900	YEN 10400	YEN 11700	YEN 13300	YEN 16000
50 x 50 mm	YEN 10800	YEN 11800	YEN 13700	YEN 16200	YEN 20200
100 x 100 mm	YEN 12700	YEN 14400	YEN 17900	YEN 22000	YEN 28400
150 x 150 mm	YEN 14500	YEN 17000	YEN 22000	YEN 27800	
300 x 300 mm	YEN 20000	YEN 24800	YEN 37400		

Coil

Web Code
 018-917-739
 364-724-519
 590-574-003

Length	Quantity
	1 Reel
0.5 m	YEN 23800
1 m	YEN 31400
2 m	YEN 51500

Discs

Web Code
 719-920-535
 990-068-687
 758-584-413
 823-051-104
 881-389-521
 173-689-154
 711-138-239

Diameter	Quantity		
	10 discs	20 discs	50 discs
4 mm	YEN 19500	YEN 21200	YEN 24800
6 mm	YEN 19700	YEN 21600	YEN 25400
8 mm	YEN 20000	YEN 21800	YEN 25800
10 mm	YEN 20200	YEN 22200	YEN 26400
15 mm	YEN 20800	YEN 23000	YEN 27800
25 mm	YEN 22000	YEN 24600	YEN 30400
50 mm	YEN 25000	YEN 28800	YEN 37200

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV000746

Thickness **0.6mm**
 Temper **Half hard**

Purity **99.95+%**
 Condition **Flattened**

Size

Web Code
 748-826-381
 953-733-007

Size	Quantity		
	1pc	2pcs	5pcs
150 x 150 mm	YEN 18400	YEN 22200	YEN 30200
300 x 300 mm	YEN 26600	YEN 33800	

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV000747

Thickness **0.7mm**
 Temper **Half hard**

Purity **99.95+%**

Size

Web Code
 171-293-709
 202-707-422
 565-453-862
 954-175-010
 308-602-094

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	YEN 10100	YEN 10700	YEN 12000	YEN 13700	YEN 16700
50 x 50 mm	YEN 11100	YEN 12200	YEN 14400	YEN 17100	YEN 21400
100 x 100 mm	YEN 13300	YEN 15200	YEN 19200	YEN 24000	YEN 31000
150 x 150 mm	YEN 15400	YEN 18300	YEN 24000	YEN 30800	
300 x 300 mm	YEN 21800	YEN 27400	YEN 48200		

Coil

Web Code
 021-466-543
 783-013-910
 438-531-481

Length	Quantity
	1 Reel
0.5 m	YEN 26000
1 m	YEN 36800
2 m	YEN 65500

Discs

Web Code
 804-025-878
 514-523-003
 159-962-243
 202-053-684
 090-720-314
 102-531-795
 013-445-187

Diameter	Quantity		
	10 discs	20 discs	50 discs
4 mm	YEN 19600	YEN 21200	YEN 25000
6 mm	YEN 19800	YEN 21600	YEN 25600
8 mm	YEN 20200	YEN 22000	YEN 26200
10 mm	YEN 20400	YEN 22400	YEN 26800
15 mm	YEN 21000	YEN 23400	YEN 28400
25 mm	YEN 22400	YEN 25400	YEN 31400
50 mm	YEN 25800	YEN 30200	YEN 39400

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

Metal – Copper - O.F.H.C.

Copper - O.F.H.C.

Cu - OFHC



Foil

CV000749

Thickness **1.0mm**
 Temper **Half hard**

Purity **99.95+%**

Size

Web Code

892-285-378
 535-669-933
 958-747-222
 843-409-088
 581-930-620
 872-296-593

Size
 25 x 25 mm
 50 x 50 mm
 100 x 100 mm
 150 x 150 mm
 200 x 200 mm
 300 x 300 mm

Quantity
1pc
 YEN 10200
 YEN 11500
 YEN 13900
 YEN 16400
 YEN 18900
 YEN 24000

Quantity
2pcs
 YEN 10900
 YEN 12600
 YEN 16100
 YEN 19700
 YEN 23200
 YEN 32000

5pcs
 YEN 12300
 YEN 15100
 YEN 20600
 YEN 26200

10pcs
 YEN 14100
 YEN 18000
 YEN 26000

20pcs
 YEN 17100
 YEN 22600

Discs

Web Code

254-915-620
 864-460-424
 057-560-586
 195-069-551
 383-691-004
 961-378-376
 172-292-581

Diameter
 4 mm
 6 mm
 8 mm
 10 mm
 15 mm
 25 mm
 50 mm

Quantity
10 discs
 YEN 19500
 YEN 19800
 YEN 20000
 YEN 20400
 YEN 21200
 YEN 22800
 YEN 26800

Quantity
20 discs
 YEN 21000
 YEN 21600
 YEN 22000
 YEN 22400
 YEN 23600
 YEN 25800
 YEN 31600

50 discs
 YEN 24800
 YEN 25600
 YEN 26200
 YEN 27000
 YEN 28800
 YEN 32400

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV000756

Thickness **1.6mm**
 Temper **Hard**

Purity **99.95+%**

Size

Web Code

799-481-865
 062-904-673

Size
 150 x 150 mm
 300 x 300 mm

Quantity
1pc
 YEN 16000
 YEN 25600

Quantity
2pcs
 YEN 18900
 YEN 41800

5pcs
 YEN 30200

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV000765

Thickness **2.0mm**
 Temper **Half hard**

Purity **99.95+%**

Size

Web Code

536-571-299
 071-400-021
 925-004-773
 625-591-206
 803-517-822
 596-858-568
 175-632-939

Size
 25 x 25 mm
 50 x 50 mm
 100 x 100 mm
 150 x 150 mm
 300 x 300 mm
 300 x 500 mm
 300 x 1000 mm

Quantity
1pc
 YEN 10600
 YEN 11800
 YEN 14300
 YEN 16800
 YEN 29600
 YEN 43000
 YEN 76500

Quantity
2pcs
 YEN 11300
 YEN 13000
 YEN 16500
 YEN 20000
 YEN 49800
 YEN 77000

5pcs
 YEN 12700
 YEN 15500
 YEN 21200
 YEN 35200

10pcs
 YEN 14600
 YEN 18600
 YEN 33200

20pcs
 YEN 17800
 YEN 23400

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.



Sheet

CV003020

Thickness **3.0mm**

Purity **99.95+%**

Size

Web Code

354-703-790
 534-937-457
 037-130-596

Size
 100 x 100 mm
 150 x 150 mm
 300 x 300 mm

Quantity
1pc
 YEN 23400
 YEN 28600
 YEN 43800

Quantity
2pcs
 YEN 30800
 YEN 38000
 YEN 62500

5pcs
 YEN 48200
 YEN 59500

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV003050

Thickness **4.76mm**

Purity **99.95+%**

Size

Web Code

392-537-217
 978-828-359
 236-502-083
 370-520-414

Size
 50 x 50 mm
 100 x 100 mm
 150 x 150 mm
 300 x 300 mm

Quantity
1pc
 YEN 19700
 YEN 26000
 YEN 32600
 YEN 52000

Quantity
2pcs
 YEN 25400
 YEN 34400
 YEN 43600

5pcs
 YEN 39800
 YEN 54000

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV003100

Thickness **6.35mm**

Purity **99.95+%**

Size

Web Code

615-213-204
 901-650-234
 706-275-294
 284-407-495

Size
 50 x 50 mm
 100 x 100 mm
 150 x 150 mm
 300 x 300 mm

Quantity
1pc
 YEN 20600
 YEN 28000
 YEN 35600
 YEN 62500

Quantity
2pcs
 YEN 26800
 YEN 37200
 YEN 47800

5pcs
 YEN 42000
 YEN 58500

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

Metal - Copper - O.F.H.C.

Copper - O.F.H.C.

Cu - OFHC



Sheet

CV003110 Thickness **9.6mm** Purity..... **99.95+%**
Size **Quantity**
Web Code **Size** **1pc**
 279-532-319 550 x 610 mm POA

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV003121 Thickness **12.7mm** High Purity **99.99+%**
 Temper **Annealed**
Size **Quantity**
Web Code **Size** **1pc**
 008-031-026 150 x 150 mm YEN 72500

Typical Analysis : Ag 70, Al 1, Bi 1, Ca 1, Cr <1, Fe 2, Mg 1, Mn <1, Na <1, Ni 2, Pb 2, Si 2, Sn 1.

CV003120 Thickness **12.7mm** Purity..... **99.95+%**
Size **Quantity**
Web Code **Size** **1pc** **2pcs**
 414-365-814 102 x 102 mm YEN 34600 YEN 46600
 242-036-073 150 x 150 mm YEN 44800 YEN 61000
 463-231-431 305 x 305 mm YEN 92500

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV003125 Thickness **25.4mm** Purity..... **99.95+%**
Size **Quantity**
Web Code **Size** **1pc** **2pcs**
 938-599-255 102 x 102 mm YEN 43600 YEN 59000

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.



Wire

CV005270 Diameter **0.125mm** Purity..... **99.95+%**
 Temper **Annealed**
Length **Quantity**
Web Code **Length** **1 Reel**
 813-677-352 5 m YEN 16600
 709-666-604 10 m YEN 19600
 708-330-561 20 m YEN 24400
 541-318-357 50 m YEN 35600
 664-794-065 100 m YEN 48400
 523-409-818 200 m YEN 70500

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV005275 Diameter **0.20mm** Purity..... **99.95+%**
 Temper **As drawn**
Length **Quantity**
Web Code **Length** **1 Reel**
 723-328-610 5 m YEN 15300
 688-299-683 10 m YEN 17700
 216-471-903 20 m YEN 21600
 078-723-072 50 m YEN 31200
 083-181-341 100 m YEN 42400

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV005280 Diameter **0.25mm** Purity..... **99.95+%**
 Temper **As drawn**
Length **Quantity**
Web Code **Length** **1 Reel**
 099-251-062 5 m YEN 15500
 406-377-526 10 m YEN 18000
 797-188-114 20 m YEN 22000
 648-523-311 50 m YEN 32000
 065-421-531 100 m YEN 43200

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV005281 Diameter **0.30mm** Purity..... **99.95+%**
 Temper **As drawn**
Length **Quantity**
Web Code **Length** **1 Reel**
 391-008-453 5 m YEN 15700
 745-634-879 10 m YEN 18300
 941-463-631 20 m YEN 22400
 665-073-292 50 m YEN 32600
 726-677-272 100 m YEN 44000

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

Metal – Copper - O.F.H.C.

Copper - O.F.H.C.

Cu - OFHC



Wire

CV005310

Diameter **0.5mm**
 Temper **Hard**

Purity **99.95+%**
 Condition **Straight wire**

Size Web Code	Length	Quantity				
		1pc	2pcs	5pcs	10pcs	20pcs
				0.8795g	#500 mm#	
				1.8g	#1000 mm#	

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV005282

Diameter **0.5mm**
 Temper **As drawn**

Purity **99.95+%**

Length Web Code	Quantity	
	Length	1 Reel
177-696-625	5 m	YEN 16400
212-085-420	10 m	YEN 19400
510-682-574	20 m	YEN 24000
835-315-275	50 m	YEN 35000
414-405-865	100 m	YEN 47600

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV005286

Diameter **0.75mm**
 Temper **As drawn**

Purity **99.95+%**

Length Web Code	Quantity	
	Length	1 Reel
800-736-590	5 m	YEN 18300
092-071-218	10 m	YEN 22000
508-910-474	20 m	YEN 27800
613-809-527	50 m	YEN 41000
726-189-030	100 m	YEN 58500

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV005288

Diameter **0.80mm**
 Temper **As drawn**

Purity **99.95+%**

Length Web Code	Quantity	
	Length	1 Reel
633-148-279	5 m	YEN 18500
123-928-948	10 m	YEN 22200
316-568-326	20 m	YEN 28000
869-355-518	50 m	YEN 41400
860-479-599	100 m	YEN 59000

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV005320

Diameter **1.0mm**
 Temper **Hard**

Purity **99.95+%**
 Condition **Straight wire**

Size Web Code	Length	Quantity				
		1pc	2pcs	5pcs	10pcs	20pcs
				3.5g	#500 mm#	
				7.0g	#1000 mm#	

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV005293

Diameter **1.0mm**
 Temper **As drawn**

Purity **99.95+%**

Length Web Code	Quantity	
	Length	1 Reel
773-631-297	5 m	YEN 19500
703-905-268	10 m	YEN 23600
988-157-532	20 m	YEN 30000
519-689-084	50 m	YEN 44600
961-127-624	100 m	YEN 63500

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV005295

Diameter **1.5mm**
 Temper **Hard**

Purity **99.95+%**

Length Web Code	Quantity	
	Length	1 Reel
753-790-349	2 m	YEN 17200
288-933-362	5 m	YEN 21800
770-307-608	10 m	YEN 27800
037-828-972	20 m	YEN 37800

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

Metal – Copper - O.F.H.C.

Copper - O.F.H.C.

Cu - OFHC



Wire

CV005294

Diameter **2.0mm**
 Temper **Hard**

Purity **99.95+%**

Length

Web Code
 240-405-163
 163-117-215
 347-320-653
 565-073-732

Quantity

Length 1 Reel
 2 m YEN 18400
 5 m YEN 23800
 10 m YEN 30600
 20 m YEN 41800

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV005296

Diameter **2.5mm**
 Temper **Hard**

Purity **99.95+%**

Length

Web Code
 140-955-482
 619-428-993
 428-614-834
 576-850-457

Quantity

Length 1 Reel
 2 m YEN 19400
 5 m YEN 25400
 10 m YEN 33000
 20 m YEN 45000

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.



Insulated Wire

CV005860

Conductor diameter **0.25mm**
 Purity **99.95+%**
 Insulation **Polyimide**

Insulation thickness **0.013mm**
 Temper **Annealed**

Length

Web Code
 318-111-272
 769-886-933
 405-211-693
 901-765-195

Quantity

Length 1 Reel
 10 m YEN 14800
 20 m YEN 17900
 50 m YEN 24800
 100 m YEN 36600

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.



Rod

CV007905

Diameter **2.0mm**
 Temper **As drawn**

Purity **99.95+%**

Size

Web Code
 316-416-348
 154-301-717
 555-655-783
 512-974-192

Quantity

Length	1pc	2pcs	5pcs	10pcs
100 mm	YEN 9800	YEN 10800	YEN 12600	YEN 14600
200 mm	YEN 10600	YEN 11900	YEN 14300	YEN 17100
500 mm	YEN 12200	YEN 14100		
1000 mm	YEN 13900	YEN 16600		

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV007910

Diameter **3.15mm**
 Temper **As drawn**

Purity **99.95+%**

Size

Web Code
 691-825-344
 478-163-437
 770-427-969
 303-496-275

Quantity

Length	1pc	2pcs	5pcs	10pcs
100 mm	YEN 10600	YEN 11900	YEN 14300	YEN 17100
200 mm	YEN 11700	YEN 13500	YEN 16800	YEN 20600
500 mm	YEN 13900	YEN 16600		
1000 mm	YEN 16400	YEN 20000		

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV007916

Diameter **4.0mm**
 Temper **Annealed**

Purity **99.95+%**

Size

Web Code
 772-376-247
 927-630-073
 400-628-884
 351-149-818

Quantity

Length	1pc	2pcs	5pcs	10pcs
100 mm	YEN 11100	YEN 12700	YEN 15500	YEN 18900
200 mm	YEN 12300	YEN 14400	YEN 18200	YEN 23800
500 mm	YEN 14700	YEN 17800		
1000 mm	YEN 17400	YEN 22600		

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

Metal – Copper - O.F.H.C.

Copper - O.F.H.C.

Cu - OFHC



Rod

CV007930

Diameter **5.0mm**
 Temper **Annealed**

Purity **99.95 + %**

Size

Web Code
 148-570-270
 003-532-708
 044-205-389
 447-033-673

Length	Quantity		
	1pc	2pcs	5pcs
100 mm	YEN 11300	YEN 13000	YEN 16000
200 mm	YEN 12600	YEN 14900	
500 mm	YEN 15200	YEN 18600	
1000 mm	YEN 18200		

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV007940

Diameter **6.0mm**
 Temper **As drawn**

Purity **99.95 + %**

Size

Web Code
 302-435-302

Length	Quantity		
	1pc	2pcs	5pcs
100 mm	YEN 11600	YEN 13400	YEN 16600

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV007945

Diameter **6.35mm**
 Temper **As drawn**

Purity **99.95 + %**

Size

Web Code
 937-025-625
 128-209-246
 026-152-285
 269-031-238

Length	Quantity			
	1pc	2pcs	5pcs	10pcs
100 mm	YEN 11700	YEN 13500	YEN 16900	YEN 20800
200 mm	YEN 13300	YEN 15800	YEN 20400	YEN 29600
500 mm	YEN 16500	YEN 20200		
1000 mm	YEN 20000	YEN 29000		

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV007946

Diameter **6.9mm**

Purity **99.95 + %**

Size

Web Code

Length	Quantity
	1pc

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV007950

Diameter **9.5mm**
 Temper **As drawn**

Purity **99.95 + %**

Size

Web Code
 073-598-133
 464-519-982
 804-371-366
 265-419-854

Length	Quantity			
	1pc	2pcs	5pcs	10pcs
100 mm	YEN 13200	YEN 15400	YEN 19400	YEN 24200
200 mm	YEN 15000	YEN 18000	YEN 23600	YEN 38200
500 mm	YEN 18600	YEN 23200		
1000 mm	YEN 22800	YEN 37200		

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV007960

Diameter **12.7mm**
 Temper **As drawn**

Purity **99.95 + %**

Size

Web Code
 628-906-786
 613-346-361
 668-298-094
 537-255-636

Length	Quantity			
	1pc	2pcs	5pcs	10pcs
100 mm	YEN 13500	YEN 15800	YEN 20200	YEN 26400
200 mm	YEN 15400	YEN 18600	YEN 25600	YEN 42400
500 mm	YEN 19300	YEN 25200		
1000 mm	YEN 24800	YEN 41400		

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV007965

Diameter **16mm**
 Temper **As drawn**

Purity **99.95 + %**

Size

Web Code
 968-859-050
 821-174-709
 711-943-164
 405-572-699

Length	Quantity		
	1pc	2pcs	5pcs
100 mm	YEN 14600	YEN 17400	YEN 22600
200 mm	YEN 17000	YEN 20800	YEN 34200
500 mm	YEN 21800	YEN 33800	
1000 mm	YEN 33400		

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV007968

Diameter **19mm**
 Temper **As drawn**

Purity **99.95 + %**

Size

Web Code
 950-106-341
 299-286-403
 713-633-697
 369-219-776

Length	Quantity			
	1pc	2pcs	5pcs	10pcs
100 mm	YEN 16500	YEN 20600	YEN 28600	YEN 45400
200 mm	YEN 18900	YEN 24000	YEN 40000	
500 mm	YEN 23600	YEN 36800		
1000 mm	YEN 35200			

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

Metal – Copper - O.F.H.C.

Copper - O.F.H.C.

Cu - OFHC



Rod

CV007970

Diameter **25.4mm**
 Temper **As drawn**

Purity **99.95 + %**

Size

Web Code
 156-962-436
 620-311-929
 538-987-667
 373-461-482

Length	Quantity			
	1pc	2pcs	5pcs	10pcs
100 mm	YEN 17200	YEN 21600	YEN 31000	YEN 52000
200 mm	YEN 19900	YEN 25400	YEN 46600	
500 mm	YEN 26000	YEN 43200		
1000 mm	YEN 41600			

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV007971

Diameter **25.4mm**
 Temper **As drawn**

High Purity **99.99 + %**

Size

Web Code
 428-045-473
 160-861-685
 322-929-523
 527-451-939

Length	Quantity		
	1pc	2pcs	5pcs
25 mm	YEN 19900	YEN 25400	YEN 34800
50 mm	YEN 22800	YEN 29200	YEN 51000
100 mm	YEN 26600	YEN 41200	
200 mm	YEN 38600		

Typical Analysis : Ag 70, Al 1, Bi 1, Ca 1, Cr <1, Fe 2, Mg 1, Mn <1, Na <1, Ni 2, Pb 2, Si 2, Sn 1.

CV007975

Diameter **38.1mm**
 Temper **As drawn**

Purity **99.95 + %**

Size

Web Code
 435-987-846
 780-821-734
 595-052-735
 655-154-516

Length	Quantity			
	1pc	2pcs	5pcs	10pcs
100 mm	YEN 22000	YEN 28400	YEN 52000	YEN 93000
200 mm	YEN 26200	YEN 41000	YEN 86500	
500 mm	YEN 45800	YEN 82500		
1000 mm	YEN 80000			

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV007980

Diameter **50.0mm**
 Temper **As drawn**

Purity **99.95 + %**

Size

Web Code
 996-716-193
 682-680-003
 335-006-072
 875-759-788

Length	Quantity		
	1pc	2pcs	5pcs
50 mm	YEN 20800	YEN 26800	YEN 49600
100 mm	YEN 24600	YEN 38600	YEN 80500
200 mm	YEN 36400	YEN 63500	
500 mm	YEN 74000		

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV007985

Diameter **63.5mm**
 Temper **As drawn**

Purity **99.95 + %**

Size

Web Code
 362-017-434
 942-243-608
 177-533-401

Length	Quantity	
	1pc	2pcs
50 mm	YEN 25200	YEN 36400
100 mm	YEN 33200	YEN 56000
200 mm	YEN 53000	

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV007988

Diameter **76mm**
 Temper **As drawn**

Purity **99.95 + %**

Size

Web Code
 183-374-171
 397-196-278
 125-940-890

Length	Quantity		
	1pc	2pcs	5pcs
50 mm	YEN 29000	YEN 46600	POA
100 mm	YEN 42600	POA	POA
200 mm	POA		

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV007990

Diameter **80mm**
 Temper **As drawn**

Purity **99.95 + %**

Size

Web Code
 171-011-128
 712-787-685
 132-010-631

Length	Quantity		
	1pc	2pcs	5pcs
50 mm	YEN 29800	YEN 48600	POA
100 mm	YEN 44600	POA	POA
200 mm	POA		

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV007999

Diameter **101mm**

Purity **99.95 + %**

Size

Web Code
 066-637-313

Length	Quantity		
	1pc	2pcs	3pcs
36.7 mm	POA	POA	POA

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

Metal – Copper - O.F.H.C.

Copper - O.F.H.C.

Cu - OFHC



Bar

CV008120

Side Length **20mm**
 Purity **99.95+%**

Side Length (of longer side) **20mm**
 Condition **Machining feedstock**

Size

Web Code
 358-185-220
 906-206-250
 587-258-498

Length	Quantity		
	1pc	2pcs	5pcs
100 mm	YEN 18000	YEN 25800	YEN 47600
200 mm	YEN 23800	YEN 38200	
500 mm	YEN 42600		

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.



Tube

CV007040

Outside Diameter **0.38mm**
 Inside Diameter **0.22mm**

Wall Thickness **0.08mm**
 Purity **99.95+%**

Size

Web Code
 288-511-277
 063-905-254
 988-153-930
 519-241-918

Length	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
100 mm	YEN 20600	YEN 25200	YEN 34800	YEN 56500	YEN 99500
200 mm	YEN 24600	YEN 30800	YEN 53500	YEN 97000	
500 mm	YEN 32400	YEN 52000	YEN 114000		
1000 mm	YEN 51500	YEN 92000			

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.
 Phosphorus deoxidised Copper.

CV007060

Outside Diameter **0.635mm**
 Inside Diameter **0.275mm**

Wall Thickness **0.18mm**
 Purity **99.95+%**

Size

Web Code
 905-248-204
 156-036-909
 504-619-270
 077-412-459

Length	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
100 mm	YEN 19200	YEN 23000	YEN 31400	YEN 45000	YEN 76500
200 mm	YEN 22400	YEN 27800	YEN 42000	YEN 73500	
500 mm	YEN 29000	YEN 40200			
1000 mm	YEN 39600	YEN 68500			

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.
 Phosphorus deoxidised Copper.

CV007090

Outside Diameter **0.9mm**
 Inside Diameter **0.56mm**

Wall Thickness **0.17mm**
 Purity **99.95+%**

Size

Web Code
 676-559-642
 569-950-713
 243-843-827
 480-485-549

Length	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
100 mm	YEN 18500	YEN 22200	YEN 30000	YEN 40600	YEN 67500
200 mm	YEN 21600	YEN 26400	YEN 37400	YEN 64500	
500 mm	YEN 27600	YEN 35600			
1000 mm	YEN 35000	YEN 59500			

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.
 Phosphorus deoxidised Copper.

CV007120

Outside Diameter **1.23mm**
 Inside Diameter **0.51mm**

Wall Thickness **0.36mm**
 Purity **99.95+%**

Size

Web Code
 060-687-635
 585-956-756
 244-592-735
 574-094-541

Length	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
100 mm	YEN 18000	YEN 21400	YEN 28800	YEN 38200	YEN 61000
200 mm	YEN 20800	YEN 25400	YEN 35000	YEN 58000	
500 mm	YEN 26400	YEN 33200	YEN 65000		
1000 mm	YEN 32600	YEN 53000			

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.
 Phosphorus deoxidised Copper.

CV007160

Outside Diameter **1.60mm**
 Inside Diameter **0.55mm**

Wall Thickness **0.5mm**
 Purity **99.95+%**

Size

Web Code
 650-104-955
 975-136-670
 497-281-673
 409-463-065

Length	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
100 mm	YEN 17900	YEN 21400	YEN 28600	YEN 38000	YEN 60500
200 mm	YEN 20800	YEN 25200	YEN 35000	YEN 57500	
500 mm	YEN 26200	YEN 33200	YEN 64500		
1000 mm	YEN 32400	YEN 52500			

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.
 Phosphorus deoxidised Copper.

Metal – Copper - O.F.H.C.

Copper - O.F.H.C.

Cu - OFHC



Tube

CV007180

Outside Diameter **1.78mm**
 Inside Diameter **0.8mm**

Wall Thickness **0.49mm**
 Purity **99.95+%**

Size

Web Code
 761-823-070
 227-885-800
 485-726-803
 715-861-869

Length	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
100 mm	YEN 17600	YEN 21000	YEN 28000	YEN 37000	YEN 57000
200 mm	YEN 20400	YEN 24600	YEN 34000	YEN 54000	
500 mm	YEN 25600	YEN 32200	YEN 60000		
1000 mm	YEN 31600	YEN 49000			

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV007250

Outside Diameter **2.54mm**
 Inside Diameter **1.54mm**

Wall Thickness **0.5mm**
 Purity **99.95+%**

Size

Web Code
 482-728-902
 341-112-572
 639-071-623
 883-953-392

Length	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
100 mm	YEN 17500	YEN 20800	YEN 28000	YEN 36600	YEN 55000
200 mm	YEN 20200	YEN 24400	YEN 33600	YEN 52500	
500 mm	YEN 25200	YEN 31800			
1000 mm	YEN 31200	YEN 47400			

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV007290

Outside Diameter **3.0mm**
 Inside Diameter **2mm**
 Temper **Hard**

Wall Thickness **0.5mm**
 Purity **99.95+%**

Size

Web Code
 025-485-712
 353-398-902
 938-754-285
 176-568-699

Length	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
100 mm	YEN 17500	YEN 20800	YEN 27800	YEN 36600	YEN 55000
200 mm	YEN 20200	YEN 24400	YEN 33600	YEN 52500	
500 mm	YEN 25200	YEN 31800	YEN 58000		
1000 mm	YEN 31200	YEN 47400			

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV007300

Outside Diameter **3.2mm**
 Inside Diameter **2.4mm**

Wall Thickness **0.4mm**
 Purity **99.95+%**

Size

Web Code
 933-256-426
 214-027-398
 395-626-014
 873-133-616

Length	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
100 mm	YEN 17500	YEN 20800	YEN 27800	YEN 36600	YEN 55000
200 mm	YEN 20200	YEN 24400	YEN 33600	YEN 52500	
500 mm	YEN 25200	YEN 31800	YEN 58000		
1000 mm	YEN 31200	YEN 47400			

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV007390

Outside Diameter **3.92mm**
 Inside Diameter **3.72mm**

Wall Thickness **0.1mm**
 Purity **99.95+%**

Size

Web Code
 494-168-354
 771-042-787
 380-341-431

Length	Quantity		
	1pc	2pcs	5pcs
100 mm	YEN 20200	YEN 24400	YEN 33600
200 mm	YEN 23800	YEN 29600	YEN 41800
500 mm	YEN 31200	YEN 40000	

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV007410

Outside Diameter **4.0mm**
 Inside Diameter **2mm**

Wall Thickness **1.0mm**
 Purity **99.95+%**

Size

Web Code
 091-584-414
 765-325-086
 573-895-639
 454-495-344

Length	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
100 mm	YEN 17000	YEN 20000	YEN 26600	YEN 35200	YEN 50000
200 mm	YEN 19500	YEN 23400	YEN 32000	YEN 47200	
500 mm	YEN 24200	YEN 30200	YEN 52000		
1000 mm	YEN 29600	YEN 42400			

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV007400

Outside Diameter **4.0mm**
 Inside Diameter **3mm**

Wall Thickness **0.5mm**
 Purity **99.95+%**

Size

Web Code
 835-695-401
 461-925-638
 740-711-223
 588-905-382

Length	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
100 mm	YEN 16300	YEN 19000	YEN 25000	YEN 32600	YEN 42600
200 mm	YEN 18400	YEN 22000	YEN 29600	YEN 39600	
500 mm	YEN 22600	YEN 27800	YEN 42400		
1000 mm	YEN 27200	YEN 34800			

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

Metal – Copper - O.F.H.C.

Copper - O.F.H.C.

Cu - OFHC



Tube

CV007450

Outside Diameter..... **6.0mm**
 Inside Diameter..... **4mm**
 Temper..... **Hard**

Wall Thickness..... **1.0mm**
 Purity..... **99.95+%**

Size

Web Code

613-172-999
 646-616-870
 827-107-380
 388-416-333

Length	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
100 mm	YEN 17100	YEN 20200	YEN 26800	YEN 35200	YEN 50500
200 mm	YEN 19500	YEN 23600	YEN 32200	YEN 47600	
500 mm	YEN 24400	YEN 30400	YEN 52000		
1000 mm	YEN 29800	YEN 42600			

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV007600

Outside Diameter..... **8.0mm**
 Inside Diameter..... **6mm**

Wall Thickness..... **1.0mm**
 Purity..... **99.95+%**

Size

Web Code

668-639-204
 579-902-800
 487-852-267
 981-534-662

Length	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
100 mm	YEN 18300	YEN 21800	YEN 29400	YEN 39000	YEN 64500
200 mm	YEN 21200	YEN 26000	YEN 36000	YEN 61500	
500 mm	YEN 27000	YEN 34200			
1000 mm	YEN 33600	YEN 56500			

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV007700

Outside Diameter..... **9.5mm**
 Inside Diameter..... **7.9mm**

Wall Thickness..... **0.8mm**
 Purity..... **99.95+%**

Size

Web Code

886-339-632
 563-980-016
 125-669-214
 302-680-765

Length	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
100 mm	YEN 18600	YEN 22200	YEN 30200	YEN 41200	YEN 68500
200 mm	YEN 21600	YEN 26600	YEN 38200	YEN 65500	
500 mm	YEN 27800	YEN 36400	YEN 75000		
1000 mm	YEN 35800	YEN 61000			

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

CV007800

Outside Diameter..... **10mm**
 Inside Diameter..... **8mm**

Wall Thickness..... **1.0mm**
 Purity..... **99.95+%**

Size

Web Code

625-979-866
 994-687-693
 478-765-411
 291-974-806

Length	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
100 mm	YEN 18600	YEN 22200	YEN 30200	YEN 41200	YEN 68500
200 mm	YEN 21600	YEN 26600	YEN 38200	YEN 65500	
500 mm	YEN 27800	YEN 36400	YEN 75000		
1000 mm	YEN 35800	YEN 61000			

Typical Analysis : Ag 100, Al 1, Bi 1, Ca 3, Cd 1, Fe 2, Mg 1, Pb 3, Si 2, Sn 2.

Metal – Copper - O.F.H.C.

INDEX

B

Bar, Copper - O.F.H.C. 36

C

Copper - O.F.H.C. (Cu - OFHC) 20

F

Foil, Copper - O.F.H.C. 20

I

Insulated Wire, Copper - O.F.H.C. 33

R

Rod, Copper - O.F.H.C. 33

S

Sheet, Copper - O.F.H.C. 30

T

Tube, Copper - O.F.H.C. 36

W

Wire
.. Copper - O.F.H.C. 31