

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 All Foils

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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 Catalog 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

See item



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): < 100mm $\pm 1\text{mm}$
 $\geq 100\text{mm}$ $+2\% / -1\%$



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): < 100mm $\pm 5\text{mm}$
 $> 100\text{mm}$ $\pm 5\%$



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

See item



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

See item

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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Goodfellow (Shanghai) Trading Co., Ltd

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SHANGHAI
200070
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

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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

Aluminium

Al

Aluminium was discovered by Hans Oersted in Copenhagen, Denmark in 1825.

Aluminium is a silvery white reactive metal which is usually covered by a tenacious oxide coating. This renders it inert to acids, but it is attacked by alkalis. It is the most common metallic element in the earth's crust (82000 ppm) and is extracted from the hydrated oxide, Bauxite, by electrolysis of the oxide dissolved in molten sodium hexafluoroaluminate (cryolite). The metal has good thermal properties and is malleable and ductile. Aluminium and its alloys are widely used for various applications including aircraft assemblies and engine parts.

Atomic Properties

Atomic number	13
Atomic radius - Goldschmidt	0.143 nm
Atomic weight	26.98154 amu
Crystal structure	Face centred cubic
Electronic structure	Ne 3s ² 3p ¹
Photo-electric work function	4.2 eV
Thermal neutron absorption cross-section	0.232 Barns
Valences shown	3

Electrical Properties

Electrical resistivity @20C	2.67 µOhmcm
Temperature coefficient @0-100C	0.0045 K ⁻¹
Superconductivity critical temperature	1.175 K
Thermal emf against Pt (cold 0C - hot 100C)	+0.42 mV

Thermal Properties

Coefficient of thermal expansion @0-100C	23.5 x10 ⁻⁶ K ⁻¹
Latent heat of evaporation	10800 J.g ⁻¹
Latent heat of fusion	388 J.g ⁻¹
Specific heat @25C	900 J.K ⁻¹ kg ⁻¹
Thermal conductivity @0-100C	237 W.m ⁻¹ K ⁻¹

Natural isotope distribution

Mass No.	%
27	100

Ionisation potential

No.	eV
1	5.99
2	18.8
3	28.4
4	120
5	154
6	190

Mechanical Properties

Material condition	Soft	Hard	Polycrystalline
Bulk modulus			75.2 GPa
Hardness - Vickers	21	35-48	
Poisson's ratio			0.345
Tensile modulus			70.6 GPa
Tensile strength	50-90	130-195	MPa
Yield strength	10-35	110-170	MPa

Physical Properties

Boiling point	2467 C
Density @20C	2.70 g.cm ⁻³
Melting point	660.4 C



Foil

AL000210	Thickness 0.0008mm	Purity 99.1%
Sizes LT		Quantity
Web Code	Size	1pc 2pcs 5pcs 10pcs 20pcs
304-353-868	30 x 30 mm	GBP 81.50 GBP 89.00 GBP 107.00 GBP 134.00 GBP 183.00
976-658-568	140 x 140 mm	GBP 114.00 GBP 152.00 GBP 277.00 GBP 484.00
445-836-115	160 x 160 mm	GBP 122.00 GBP 175.00 GBP 335.00 GBP 600.00

Typical Analysis : Ag 3, Ca 20, Cr 50, Cu 210, Fe 4700, Ga 500, Mg 70, Mn 300, Ni 300, Pb 100, Si 1600, Sn 50, Ti 700, V 70, Zn 130.
 All dimensions are nominal.

AL000271	Thickness 0.0015mm	Purity 99.0%
Temper As rolled		
Sizes LT		Quantity
Web Code	Size	1pc 2pcs 5pcs 10pcs
702-857-871	25 x 25 mm	GBP 122.00 GBP 145.00 GBP 208.00 GBP 324.00
119-654-409	50 x 50 mm	GBP 168.00 GBP 255.00 GBP 498.00

Typical Analysis : Cu <1000, Fe <7000, Mn <1000, Si <5000, Zn <1000.

AL000300	Thickness 0.002mm	Purity 99.1%
Sizes LT		Quantity
Web Code	Size	1pc 2pcs 5pcs 10pcs
054-525-346	100 x 100 mm	GBP 103.00 GBP 141.00 GBP 254.00 GBP 442.00

Typical Analysis : Ag 3, Ca 20, Cr 50, Cu 210, Fe 4700, Ga 500, Mg 70, Mn 300, Ni 300, Pb 100, Si 1600, Sn 50, Ti 700, V 70, Zn 130.

AL000320	Thickness 0.003mm	Purity 99.1%
Sizes LT		Quantity
Web Code	Size	1pc 2pcs 5pcs 10pcs 20pcs
700-443-310	100 x 100 mm	GBP 101.00 GBP 135.00 GBP 240.00 GBP 414.00 GBP 763.00

Typical Analysis : Ag 3, Ca 20, Cr 50, Cu 210, Fe 4700, Ga 500, Mg 70, Mn 300, Ni 300, Pb 100, Si 1600, Sn 50, Ti 700, V 70, Zn 130.

AL000345	Thickness 0.0045mm	Purity 99.0%
Sizes LT		Quantity
Web Code	Size	1pc 2pcs 5pcs 10pcs 20pcs
860-221-434	25 x 25 mm	GBP 97.00 GBP 106.00 GBP 129.00 GBP 164.00 GBP 231.00
600-191-963	50 x 50 mm	GBP 104.00 GBP 116.00 GBP 145.00 GBP 187.00 GBP 270.00
177-743-098	100 x 100 mm	GBP 119.00 GBP 137.00 GBP 184.00 GBP 284.00 GBP 483.00
579-499-148	150 x 150 mm	GBP 133.00 GBP 160.00 GBP 273.00 GBP 462.00
738-250-727	300 x 300 mm	GBP 218.00 GBP 352.00 GBP 754.00

Typical Analysis : Cu <1000, Fe <7000, Mn <1000, Si <5000, Zn <1000.

Metal – Aluminium

Aluminium

Al



Foil

AL000360

Thickness **0.006mm**

Purity..... **99.0%**

NLT Sizes

Web Code

173-498-577
 158-833-205
 395-931-225
 922-794-472
 543-801-017

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	GBP 96.00	GBP 105.00	GBP 127.00	GBP 161.00	GBP 226.00
50 x 50 mm	GBP 103.00	GBP 113.00	GBP 141.00	GBP 181.00	GBP 255.00
100 x 100 mm	GBP 115.00	GBP 131.00	GBP 169.00	GBP 250.00	GBP 415.00
150 x 150 mm	GBP 128.00	GBP 149.00	GBP 235.00	GBP 386.00	
300 x 300 mm	GBP 188.00	GBP 291.00	GBP 601.00		

Sizes LT

Web Code

646-535-543
 195-278-248

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	GBP 144.00	GBP 157.00	GBP 190.00	GBP 242.00	GBP 340.00
50 x 50 mm	GBP 154.00	GBP 170.00	GBP 211.00	GBP 272.00	GBP 382.00

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

AL000363

Thickness **0.008mm**

Purity..... **99.0%**

NLT Sizes

Web Code

293-974-044
 251-384-586
 192-156-828
 664-508-655
 136-781-954

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	GBP 79.00	GBP 87.50	GBP 110.00	GBP 145.00	GBP 195.00
50 x 50 mm	GBP 86.00	GBP 98.00	GBP 127.00	GBP 168.00	GBP 229.00
100 x 100 mm	GBP 101.00	GBP 119.00	GBP 160.00	GBP 216.00	GBP 295.00
150 x 150 mm	GBP 116.00	GBP 140.00	GBP 194.00	GBP 263.00	GBP 362.00
300 x 300 mm	GBP 161.00	GBP 203.00	GBP 294.00	GBP 404.00	GBP 562.00

Sizes LT

Web Code

011-188-320
 410-405-262

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	GBP 86.50	GBP 96.00	GBP 121.00	GBP 159.00	GBP 215.00
50 x 50 mm	GBP 103.00	GBP 118.00	GBP 152.00	GBP 202.00	GBP 275.00

Coil

Web Code

307-722-238
 465-286-670
 160-834-576
 104-316-491

Length	Quantity	
	1 Reel	
1 m	GBP 332.00	
2 m	GBP 400.00	
5 m	GBP 536.00	
10 m	GBP 690.00	

Discs

Web Code

039-557-548
 944-696-422
 087-054-152
 881-765-381
 220-672-431
 584-057-763
 007-217-293

Diameter	Quantity		
	10 discs	20 discs	50 discs
4 mm	GBP 186.00	GBP 233.00	GBP 371.00
6 mm	GBP 188.00	GBP 236.00	GBP 375.00
8 mm	GBP 190.00	GBP 239.00	GBP 380.00
10 mm	GBP 192.00	GBP 241.00	GBP 385.00
15 mm	GBP 198.00	GBP 249.00	GBP 396.00
25 mm	GBP 208.00	GBP 263.00	GBP 419.00
50 mm	GBP 234.00	GBP 300.00	GBP 477.00

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

AL000364

Thickness **0.009mm**

Purity..... **99.0%**

NLT Sizes

Web Code

314-927-069
 277-901-628
 802-094-258
 809-498-318
 972-004-029

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	GBP 78.50	GBP 87.00	GBP 109.00	GBP 144.00	GBP 194.00
50 x 50 mm	GBP 85.50	GBP 97.00	GBP 125.00	GBP 166.00	GBP 226.00
100 x 100 mm	GBP 100.00	GBP 117.00	GBP 157.00	GBP 211.00	GBP 289.00
150 x 150 mm	GBP 114.00	GBP 137.00	GBP 189.00	GBP 256.00	GBP 353.00
300 x 300 mm	GBP 157.00	GBP 198.00	GBP 284.00	GBP 391.00	GBP 544.00

Sizes LT

Web Code

848-844-730
 235-451-445

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	GBP 86.50	GBP 95.50	GBP 120.00	GBP 158.00	GBP 213.00
50 x 50 mm	GBP 103.00	GBP 116.00	GBP 150.00	GBP 200.00	GBP 271.00

Discs

Web Code

676-981-966
 622-745-516
 843-194-878
 399-357-621
 919-703-655
 962-951-576
 368-943-146

Diameter	Quantity		
	10 discs	20 discs	50 discs
4 mm	GBP 186.00	GBP 232.00	GBP 370.00
6 mm	GBP 188.00	GBP 235.00	GBP 375.00
8 mm	GBP 190.00	GBP 238.00	GBP 379.00
10 mm	GBP 192.00	GBP 241.00	GBP 383.00
15 mm	GBP 197.00	GBP 248.00	GBP 395.00
25 mm	GBP 207.00	GBP 262.00	GBP 417.00
50 mm	GBP 231.00	GBP 297.00	GBP 472.00

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

Aluminium

Al



Foil

AL000375

Thickness 0.010mm
 Temper As rolled

High Purity 99.999%

NLT Sizes

Web Code

836-908-045
 347-620-460
 498-509-056

Size	Quantity		
	1pc	2pcs	5pcs
25 x 25 mm	GBP 155.00	GBP 186.00	GBP 234.00
50 x 50 mm	GBP 210.00	GBP 264.00	GBP 356.00
100 x 100 mm	GBP 320.00	GBP 478.00	

Sizes LT

Web Code

014-351-263
 005-217-836

Size	Quantity		
	1pc	2pcs	5pcs
25 x 25 mm	GBP 171.00	GBP 205.00	GBP 257.00
50 x 50 mm	GBP 263.00	GBP 330.00	GBP 446.00

Typical Analysis : Cu 0.3, Fe 0.3, Mg 1.2, Si 0.8.

Remove possible surface impurities by immersion in aqueous HF 1% / HNO₃ 10% / HCl 20% by volume, 1-3 minutes at 60C.

AL000370

Thickness 0.010mm

Purity 99.0%

NLT Sizes

Web Code

704-243-225
 593-832-556
 684-337-908
 870-190-501
 977-094-170

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	GBP 89.00	GBP 93.00	GBP 103.00	GBP 118.00	GBP 145.00
50 x 50 mm	GBP 94.00	GBP 100.00	GBP 114.00	GBP 133.00	GBP 167.00
100 x 100 mm	GBP 104.00	GBP 114.00	GBP 136.00	GBP 165.00	GBP 211.00
150 x 150 mm	GBP 114.00	GBP 128.00	GBP 158.00	GBP 196.00	GBP 255.00
300 x 300 mm	GBP 143.00	GBP 169.00	GBP 224.00	GBP 289.00	GBP 386.00

Sizes LT

Web Code

834-297-923
 481-287-447
 015-282-193

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	GBP 98.00	GBP 102.00	GBP 114.00	GBP 130.00	GBP 159.00
50 x 50 mm	GBP 113.00	GBP 120.00	GBP 137.00	GBP 160.00	GBP 200.00
100 x 100 mm	GBP 156.00	GBP 171.00	GBP 204.00	GBP 247.00	GBP 316.00

Coil

Web Code

744-492-114
 519-751-862
 019-959-035
 115-436-887
 827-610-715

Length	Quantity	
	1 Reel	
1 m	GBP 216.00	
2 m	GBP 261.00	
5 m	GBP 351.00	
10 m	GBP 453.00	
20 m	GBP 638.00	

Discs

Web Code

606-148-054
 768-506-464
 063-304-402
 913-052-008
 131-511-571
 438-944-133
 868-021-052

Diameter	Quantity		
	10 discs	20 discs	50 discs
4 mm	GBP 164.00	GBP 187.00	GBP 249.00
6 mm	GBP 165.00	GBP 189.00	GBP 252.00
8 mm	GBP 167.00	GBP 191.00	GBP 255.00
10 mm	GBP 168.00	GBP 193.00	GBP 258.00
15 mm	GBP 171.00	GBP 198.00	GBP 266.00
25 mm	GBP 178.00	GBP 208.00	GBP 281.00
50 mm	GBP 195.00	GBP 232.00	GBP 319.00

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

AL000380

Thickness 0.0125mm

Purity 99.0%

NLT Sizes

Web Code

306-040-256
 341-517-452
 572-049-963

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
100 x 100 mm	GBP 83.00	GBP 92.00	GBP 112.00	GBP 140.00	GBP 180.00
150 x 150 mm	GBP 90.50	GBP 102.00	GBP 129.00	GBP 163.00	GBP 213.00
300 x 300 mm	GBP 112.00	GBP 133.00	GBP 178.00	GBP 232.00	

Sizes LT

Web Code

566-253-184
 228-110-268
 758-193-474

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	GBP 72.00	GBP 76.50	GBP 88.00	GBP 105.00	GBP 131.00
50 x 50 mm	GBP 76.00	GBP 81.50	GBP 96.00	GBP 117.00	GBP 148.00
100 x 100 mm	GBP 104.00	GBP 115.00	GBP 140.00	GBP 175.00	GBP 226.00

Discs

Web Code

666-150-154
 268-766-619
 595-826-160
 478-274-685
 784-330-728
 041-343-946
 167-990-350

Diameter	Quantity		
	10 discs	20 discs	50 discs
4 mm	GBP 153.00	GBP 178.00	GBP 230.00
6 mm	GBP 154.00	GBP 179.00	GBP 232.00
8 mm	GBP 155.00	GBP 181.00	GBP 234.00
10 mm	GBP 156.00	GBP 182.00	GBP 237.00
15 mm	GBP 159.00	GBP 186.00	GBP 242.00
25 mm	GBP 164.00	GBP 193.00	GBP 254.00
50 mm	GBP 177.00	GBP 211.00	GBP 282.00

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

Metal - Aluminium

Aluminium

Al



Foil

AL000391

Thickness 0.015mm

High Purity 99.999%

NLT Sizes

Web Code

630-717-600
 047-367-296
 822-882-009
 709-593-478

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	GBP 154.00	GBP 184.00	GBP 230.00	GBP 283.00	GBP 360.00
50 x 50 mm	GBP 207.00	GBP 259.00	GBP 348.00	GBP 546.00	
50 x 100 mm	GBP 250.00	GBP 321.00	GBP 542.00		
100 x 100 mm	GBP 312.00	GBP 453.00			

Sizes LT

Web Code

354-860-623
 779-360-803

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	GBP 169.00	GBP 202.00	GBP 253.00	GBP 311.00	GBP 396.00
50 x 50 mm	GBP 258.00	GBP 323.00	GBP 435.00	GBP 683.00	

Discs

Web Code

369-903-444
 237-925-197
 740-642-922
 580-367-098
 545-877-395
 234-673-945

Diameter	Quantity		
	10 discs	20 discs	50 discs
4 mm	GBP 215.00	GBP 238.00	GBP 294.00
6 mm	GBP 231.00	GBP 261.00	GBP 332.00
8 mm	GBP 248.00	GBP 285.00	GBP 370.00
10 mm	GBP 264.00	GBP 309.00	GBP 408.00
15 mm	GBP 305.00	GBP 366.00	GBP 500.00
25 mm	GBP 387.00	GBP 483.00	

Typical Analysis : Cu 0.3, Fe 0.3, Mg 1.2, Si 0.8.

AL000392

Thickness 0.015mm

Purity 99.0%

Temper Annealed

NLT Sizes

Web Code

848-306-766

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
300 x 300 mm	GBP 110.00	GBP 130.00	GBP 173.00	GBP 225.00	

Sizes LT

Web Code

207-396-854
 163-255-792
 824-522-036
 486-274-126

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	GBP 72.00	GBP 76.00	GBP 87.50	GBP 105.00	GBP 131.00
50 x 50 mm	GBP 75.50	GBP 81.00	GBP 95.00	GBP 116.00	GBP 146.00
100 x 100 mm	GBP 82.50	GBP 91.00	GBP 111.00	GBP 138.00	GBP 177.00
150 x 150 mm	GBP 89.50	GBP 101.00	GBP 126.00	GBP 160.00	GBP 208.00

Coil

Web Code

754-033-244
 254-154-676
 769-331-437
 166-435-384
 804-417-601

Width 305mm

Length

1 Reel
 1 m GBP 169.00
 2 m GBP 201.00
 5 m GBP 266.00
 10 m GBP 339.00
 20 m GBP 472.00

Quantity

Discs

Web Code

552-204-191
 025-523-187
 190-397-879
 799-729-475
 966-186-282
 773-286-141
 660-766-455

Diameter	Quantity		
	10 discs	20 discs	50 discs
4 mm	GBP 153.00	GBP 178.00	GBP 230.00
6 mm	GBP 154.00	GBP 179.00	GBP 232.00
8 mm	GBP 155.00	GBP 180.00	GBP 234.00
10 mm	GBP 156.00	GBP 182.00	GBP 236.00
15 mm	GBP 159.00	GBP 185.00	GBP 241.00
25 mm	GBP 163.00	GBP 192.00	GBP 252.00
50 mm	GBP 176.00	GBP 209.00	GBP 279.00

Typical Analysis : Cu <1000, Fe <7000, Mn <1000, Si <5000, Zn <1000.

Metal – Aluminium

Aluminium

Al



Foil

AL000395

Thickness **0.018mm**
 Temper **Annealed**

Purity **99.0%**

NLT Sizes

Web Code
 916-702-272

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
300 x 300 mm	GBP 108.00	GBP 127.00	GBP 168.00	GBP 219.00	

Sizes LT

Web Code
 085-381-275
 699-125-137
 435-476-104
 135-402-277
 580-091-148

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	GBP 70.50	GBP 75.00	GBP 86.00	GBP 103.00	GBP 128.00
50 x 50 mm	GBP 74.00	GBP 79.50	GBP 93.50	GBP 113.00	GBP 143.00
100 x 100 mm	GBP 81.00	GBP 89.00	GBP 108.00	GBP 135.00	GBP 173.00
150 x 150 mm	GBP 87.50	GBP 98.50	GBP 123.00	GBP 156.00	GBP 203.00
300 x 300 mm	GBP 135.00	GBP 159.00	GBP 211.00	GBP 274.00	

Coil

Web Code
 670-131-646
 766-450-420
 806-304-126
 788-015-091
 501-879-111

Length	Quantity	
	1 Reel	
1 m	GBP 159.00	
2 m	GBP 190.00	
5 m	GBP 252.00	
10 m	GBP 322.00	
20 m	GBP 424.00	

Discs

Web Code
 734-894-490
 861-803-398
 725-413-797
 676-714-123
 589-262-688
 657-831-774
 228-963-774

Diameter	Quantity	
	10 discs	
4 mm	GBP 152.00	
6 mm	GBP 153.00	
8 mm	GBP 154.00	
10 mm	GBP 154.00	
15 mm	GBP 157.00	
25 mm	GBP 161.00	
50 mm	GBP 173.00	

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

AL000407

Thickness **0.020mm**
 Purity **99.0%**

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

Coil

Web Code
 763-308-413
 809-655-251
 277-101-975
 077-562-858
 257-588-495

Length	Quantity	
	1 Reel	
1 m	GBP 114.00	
5 m	GBP 151.00	
10 m	GBP 180.00	
20 m	GBP 223.00	
50 m	GBP 313.00	

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

AL000406

Thickness **0.020mm**
 Purity **99.0%**

Coil width **100mm**
 Temper **Annealed**

Coil

Web Code
 022-028-602
 154-784-764
 846-313-500
 017-189-403
 902-434-137
 410-829-155

Length	Quantity	
	1 Reel	
0.5 m	GBP 106.00	
1 m	GBP 115.00	
2 m	GBP 128.00	
5 m	GBP 154.00	
10 m	GBP 185.00	
20 m	GBP 229.00	

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

AL000400

Thickness **0.020mm**
 Temper **As rolled**

High Purity **99.999%**

NLT Sizes

Web Code
 214-465-246

Size	Quantity			
	1pc	2pcs	5pcs	10pcs
100 x 100 mm	GBP 297.00	GBP 381.00	GBP 551.00	

Sizes LT

Web Code
 791-194-343
 808-557-367
 566-628-472

Size	Quantity			
	1pc	2pcs	5pcs	10pcs
25 x 25 mm	GBP 146.00	GBP 169.00	GBP 214.00	GBP 268.00
50 x 50 mm	GBP 196.00	GBP 239.00	GBP 326.00	GBP 427.00
100 x 100 mm	GBP 356.00	GBP 458.00	GBP 661.00	

Typical Analysis : Cu 0.3, Fe 0.3, Mg 1.2, Si 0.8.
 Remove possible surface impurities by immersion in aqueous HF 1% / HNO₃ 10% / HCl 20% by volume, 1-3 minutes at 60C.

Aluminium

Al



Foil

AL000405

Thickness **0.020mm**
 Temper **Annealed**

Purity **99.0%**

NLT Sizes

Web Code
056-552-365

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
300 x 300 mm	GBP 96.00	GBP 110.00	GBP 142.00	GBP 182.00	

Sizes LT

Web Code
684-383-910
488-434-891
383-342-145
854-995-226
053-010-764

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	GBP 69.50	GBP 73.50	GBP 83.50	GBP 99.50	GBP 124.00
50 x 50 mm	GBP 72.00	GBP 77.00	GBP 89.00	GBP 107.00	GBP 134.00
100 x 100 mm	GBP 77.00	GBP 83.50	GBP 99.50	GBP 122.00	GBP 156.00
150 x 150 mm	GBP 81.50	GBP 90.00	GBP 110.00	GBP 137.00	GBP 177.00
300 x 300 mm	GBP 120.00	GBP 138.00	GBP 177.00	GBP 228.00	

Coil

Web Code
880-745-460
093-178-193
647-267-793
908-467-601
558-457-603

Length	Quantity	
	1 Reel	
1 m	GBP 138.00	
2 m	GBP 160.00	
5 m	GBP 204.00	
10 m	GBP 255.00	
20 m	GBP 377.00	

Discs

Web Code
807-208-274
901-025-412
628-178-240
522-285-373
285-674-803
709-361-955
670-243-138

Diameter	Quantity	
	10 discs	
4 mm	GBP 151.00	
6 mm	GBP 152.00	
8 mm	GBP 152.00	
10 mm	GBP 153.00	
15 mm	GBP 155.00	
25 mm	GBP 158.00	
50 mm	GBP 166.00	

Typical Analysis : Cu <1000, Fe <7000, Mn <1000, Si <5000, Zn <1000.

AL000421

Thickness **0.025mm**
 Purity **99.0%**

Coil width **25mm**
 Temper **Annealed**

Coil

Web Code
690-243-484
894-017-320
932-787-628
002-843-414
024-114-793

Length	Quantity	
	1 Reel	
1 m	GBP 90.50	
2 m	GBP 97.00	
5 m	GBP 113.00	
10 m	GBP 138.00	
20 m	GBP 184.00	

Typical Analysis : Cu <1000, Fe <7000, Mn <1000, Si <5000, Zn <1000.

AL000431

Thickness **0.025mm**
 Temper **As rolled**

High Purity **99.999%**

NLT Sizes

Web Code
480-392-730

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
100 x 100 mm	GBP 264.00	GBP 335.00	GBP 478.00		

Sizes LT

Web Code
970-751-768
333-554-140

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	GBP 138.00	GBP 157.00	GBP 196.00	GBP 243.00	GBP 313.00
50 x 50 mm	GBP 180.00	GBP 217.00	GBP 290.00	GBP 376.00	

Discs

Web Code
996-471-624
558-955-416
869-435-493
679-430-658
928-830-229
103-784-363
973-038-779

Diameter	Quantity		
	10 discs	20 discs	50 discs
4 mm	GBP 201.00	GBP 230.00	GBP 297.00
6 mm	GBP 214.00	GBP 248.00	GBP 326.00
8 mm	GBP 227.00	GBP 266.00	GBP 354.00
10 mm	GBP 240.00	GBP 284.00	GBP 383.00
15 mm	GBP 272.00	GBP 330.00	GBP 454.00
25 mm	GBP 335.00	GBP 420.00	
50 mm	GBP 495.00		

Typical Analysis : Cu 0.3, Fe 0.3, Mg 1.2, Si 0.8.

Remove possible surface impurities by immersion in aqueous HF 1% / HNO₃ 10% / HCl 20% by volume, 1-3 minutes at 60C.

Metal – Aluminium

Aluminium

Al



Foil

AL000420

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

Purity **99.0%**

Size

Web Code

049-963-450
 245-433-561
 679-192-488
 899-057-758
 382-219-724

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
25 x 25 mm	GBP 66.50	GBP 71.00	GBP 83.00	GBP 102.00	GBP 128.00
50 x 50 mm	GBP 67.50	GBP 72.00	GBP 85.00	GBP 105.00	GBP 132.00
100 x 100 mm	GBP 69.50	GBP 75.00	GBP 89.50	GBP 112.00	GBP 141.00
150 x 150 mm	GBP 71.50	GBP 78.00	GBP 93.50	GBP 118.00	GBP 150.00
300 x 300 mm	GBP 77.50	GBP 86.00	GBP 107.00	GBP 136.00	GBP 176.00

Coil

Web Code

777-468-219
 183-528-856
 941-109-712
 638-722-971
 840-367-422

Width 300mm

Length

1 Reel
 1 m GBP 103.00
 2 m GBP 113.00
 5 m GBP 134.00
 10 m GBP 160.00
 20 m GBP 199.00

Quantity

Discs

Web Code

045-931-913
 741-491-284
 686-403-630
 800-458-615
 057-336-608
 167-085-183
 885-643-820

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

Quantity			
	10 discs	20 discs	50 discs
4 mm	GBP 164.00	GBP 193.00	GBP 233.00
6 mm	GBP 164.00	GBP 193.00	GBP 234.00
8 mm	GBP 164.00	GBP 194.00	GBP 235.00
10 mm	GBP 165.00	GBP 194.00	GBP 235.00
15 mm	GBP 165.00	GBP 195.00	GBP 237.00
25 mm	GBP 167.00	GBP 197.00	GBP 240.00
50 mm	GBP 171.00	GBP 202.00	GBP 249.00

Typical Analysis : Cu <1000, Fe <7000, Mn <1000, Si <5000, Zn <1000.

AL000422

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

Purity **99.0%**

Size

Web Code

924-108-603
 340-080-721
 172-358-286
 089-886-097
 445-262-694

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
25 x 25 mm	GBP 66.50	GBP 71.00	GBP 83.00	GBP 102.00	GBP 128.00
50 x 50 mm	GBP 67.50	GBP 72.00	GBP 85.00	GBP 105.00	GBP 132.00
100 x 100 mm	GBP 69.50	GBP 75.00	GBP 89.50	GBP 112.00	GBP 141.00
150 x 150 mm	GBP 71.50	GBP 78.00	GBP 93.50	GBP 118.00	GBP 150.00
300 x 300 mm	GBP 77.50	GBP 86.00	GBP 107.00	GBP 136.00	GBP 176.00

Coil

Web Code

858-713-240
 447-202-981
 929-507-798
 634-840-616
 455-873-241

Width 305mm

Length

1 Reel
 1 m GBP 103.00
 2 m GBP 113.00
 5 m GBP 135.00
 10 m GBP 160.00
 20 m GBP 200.00

Quantity

Typical Analysis : Cu <1000, Fe <7000, Mn <1000, Si <5000, Zn <1000.

AL000434

Thickness **0.030mm**
 Temper **Annealed**

Purity **99.0%**

Size

Web Code

909-042-049
 630-251-413
 781-431-489
 678-932-833
 866-603-096

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
25 x 25 mm	GBP 67.00	GBP 71.00	GBP 83.00	GBP 103.00	GBP 128.00
50 x 50 mm	GBP 68.00	GBP 72.50	GBP 85.50	GBP 106.00	GBP 133.00
100 x 100 mm	GBP 70.00	GBP 75.50	GBP 90.00	GBP 113.00	GBP 142.00
150 x 150 mm	GBP 72.00	GBP 78.50	GBP 95.00	GBP 120.00	GBP 152.00
300 x 300 mm	GBP 78.50	GBP 87.50	GBP 109.00	GBP 140.00	GBP 181.00

Coil

Web Code

325-379-099
 672-386-803
 048-350-556
 043-820-853
 477-606-551

Width 305mm

Length

1 Reel
 1 m GBP 105.00
 2 m GBP 116.00
 5 m GBP 139.00
 10 m GBP 167.00
 20 m GBP 209.00

Quantity

Discs

Web Code

700-824-671
 603-081-756
 385-218-850
 152-351-527
 043-949-989
 493-744-569
 718-069-123

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

Quantity			
	10 discs	20 discs	50 discs
4 mm	GBP 164.00	GBP 193.00	GBP 233.00
6 mm	GBP 164.00	GBP 193.00	GBP 234.00
8 mm	GBP 164.00	GBP 194.00	GBP 235.00
10 mm	GBP 165.00	GBP 194.00	GBP 236.00
15 mm	GBP 165.00	GBP 195.00	GBP 237.00
25 mm	GBP 167.00	GBP 198.00	GBP 241.00
50 mm	GBP 171.00	GBP 203.00	GBP 250.00

Typical Analysis : Cu <1000, Fe <7000, Mn <1000, Si <5000, Zn <1000.

Aluminium

Al



Foil

AL000437

Thickness **0.040mm**
 Purity..... **99.0%**

Coil width **31.4mm**
 Temper..... **Annealed**

Coil

Width **31.4mm**

Quantity

Web Code

303-390-420
 950-449-019
 623-455-271
 378-608-137
 645-284-762

Length

1 m GBP 90.50
 5 m GBP 106.00
 10 m GBP 120.00
 20 m GBP 142.00
 50 m GBP 198.00

1 Reel

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

AL000438

Thickness **0.040mm**
 Purity..... **99.0%**

Coil width **50mm**
 Temper..... **Hard**

Coil

Width **50mm**

Quantity

Web Code

973-598-129
 370-790-516
 751-117-466
 119-490-150
 797-401-534

Length

1 m GBP 105.00
 5 m GBP 139.00
 10 m GBP 167.00
 20 m GBP 209.00
 50 m GBP 304.00

1 Reel

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

AL000435

Thickness **0.040mm**
 Temper..... **Annealed**

Purity..... **99.0%**

Size

Web Code

758-638-745
 829-846-076
 730-755-529
 344-449-973
 056-244-455

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
25 x 25 mm	GBP 67.00	GBP 71.00	GBP 83.50	GBP 103.00	GBP 129.00
50 x 50 mm	GBP 68.00	GBP 73.00	GBP 86.00	GBP 107.00	GBP 134.00
100 x 100 mm	GBP 70.50	GBP 76.50	GBP 91.50	GBP 115.00	GBP 145.00
150 x 150 mm	GBP 73.00	GBP 80.00	GBP 97.00	GBP 123.00	GBP 157.00
300 x 300 mm	GBP 80.50	GBP 90.50	GBP 114.00	GBP 146.00	GBP 190.00

Coil

Web Code

030-560-711
 820-091-001
 511-378-834
 922-352-926
 294-114-907

Width **300mm**

Length

1 m GBP 109.00
 2 m GBP 121.00
 5 m GBP 147.00
 10 m GBP 178.00
 20 m GBP 224.00

Quantity

Discs

Web Code

764-364-005
 545-504-033
 188-003-551
 500-439-785
 554-962-908
 370-365-827
 295-726-783

Diameter

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

Quantity

	10 discs	20 discs	50 discs
4 mm	GBP 164.00	GBP 193.00	GBP 234.00
6 mm	GBP 164.00	GBP 194.00	GBP 234.00
8 mm	GBP 165.00	GBP 194.00	GBP 235.00
10 mm	GBP 165.00	GBP 195.00	GBP 236.00
15 mm	GBP 166.00	GBP 196.00	GBP 238.00
25 mm	GBP 168.00	GBP 199.00	GBP 242.00
50 mm	GBP 172.00	GBP 205.00	GBP 253.00

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

AL000485

Thickness **0.050mm**
 High Purity..... **99.99+%**

Coil width **.1mm**
 Temper..... **Half hard**

Coil

Width **0.1mm**

Quantity

Web Code

440-921-668
 631-368-637
 641-281-028
 745-943-919
 251-527-021

Length

0.5 m GBP 130.00
 1 m GBP 151.00
 2 m GBP 184.00
 5 m GBP 257.00
 10 m GBP 381.00

1 Reel

Typical Analysis : Ag 1, Ca 2, Cu 5, Fe 8, Ga 2, Mg 20, Na 1, Ni 2, Pb 2, Si 7.

AL000492

Thickness **0.05mm**
 Purity..... **99.0%**

Coil width **6mm**
 Temper..... **Annealed**

Coil

Width **6mm**

Quantity

Web Code

425-531-778
 799-565-670
 401-160-681
 184-590-295
 573-616-643
 223-958-543
 172-331-749

Length

0.5 m GBP 84.50
 1 m GBP 89.00
 2 m GBP 96.50
 5 m GBP 115.00
 10 m GBP 143.00
 20 m GBP 192.00
 50 m GBP 329.00

1 Reel

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

Aluminium

Al



Foil

AL000491

Thickness **0.05mm**
 Purity **99.0%**

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

Coil

Web Code
 329-012-307
 723-194-064
 760-708-868
 088-036-160
 653-387-916

Width 10mm

Length	1 Reel
0.5 m	GBP 83.50
1 m	GBP 87.00
2 m	GBP 92.00
5 m	GBP 103.00
10 m	GBP 118.00

Quantity

Typical Analysis : Cu <1000, Fe <7000, Mn <1000, Si <5000, Zn <1000.

AL000481

Thickness **0.050mm**
 Temper **As rolled**

High Purity **99.999%**

Size

Web Code
 418-741-493
 342-676-862
 834-604-617
 325-580-036
 845-245-646

Size

25 x 25 mm	GBP 124.00
50 x 50 mm	GBP 150.00
100 x 100 mm	GBP 203.00
150 x 150 mm	GBP 256.00
250 x 300 mm	GBP 387.00

		Quantity				
		1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	GBP 124.00	GBP 138.00	GBP 168.00	GBP 206.00	GBP 259.00	
50 x 50 mm	GBP 150.00	GBP 175.00	GBP 227.00	GBP 290.00	GBP 377.00	
100 x 100 mm	GBP 203.00	GBP 250.00	GBP 345.00	GBP 457.00	GBP 614.00	
150 x 150 mm	GBP 256.00	GBP 324.00	GBP 463.00			
250 x 300 mm	GBP 387.00	GBP 510.00				

Coil

Web Code
 423-610-623
 188-769-984

Width 250mm

Length	1 Reel
0.5 m	GBP 494.00
1 m	GBP 649.00

Quantity

Discs

Web Code
 799-428-093
 928-501-278
 062-657-172
 832-138-721
 017-349-596
 168-699-874
 087-480-072

Diameter	10 discs	20 discs	50 discs
4 mm	GBP 189.00	GBP 213.00	GBP 279.00
6 mm	GBP 195.00	GBP 222.00	GBP 294.00
8 mm	GBP 202.00	GBP 232.00	GBP 309.00
10 mm	GBP 209.00	GBP 241.00	GBP 324.00
15 mm	GBP 225.00	GBP 265.00	GBP 362.00
25 mm	GBP 259.00	GBP 312.00	GBP 436.00
50 mm	GBP 343.00	GBP 430.00	GBP 624.00

Quantity

Typical Analysis : Cu 0.3, Fe 0.3, Mg 1.2, Si 0.8.

Remove possible surface impurities by immersion in aqueous HF 1% / HNO₃ 10% / HCl 20% by volume, 1-3 minutes at 60C.

AL000441

Thickness **0.050mm**
 Temper **Hard**

Purity **99.0%**

Size

Web Code
 385-901-519
 237-690-520
 711-317-449
 914-681-879
 335-225-339

Size	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	GBP 65.00	GBP 69.00	GBP 81.50	GBP 102.00	GBP 128.00
50 x 50 mm	GBP 66.50	GBP 71.00	GBP 84.50	GBP 106.00	GBP 134.00
100 x 100 mm	GBP 69.00	GBP 75.00	GBP 91.00	GBP 115.00	GBP 146.00
150 x 150 mm	GBP 72.00	GBP 79.00	GBP 97.00	GBP 124.00	GBP 159.00
300 x 300 mm	GBP 80.00	GBP 91.00	GBP 116.00	GBP 150.00	GBP 196.00

		Quantity				
		1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	GBP 65.00	GBP 69.00	GBP 81.50	GBP 102.00	GBP 128.00	
50 x 50 mm	GBP 66.50	GBP 71.00	GBP 84.50	GBP 106.00	GBP 134.00	
100 x 100 mm	GBP 69.00	GBP 75.00	GBP 91.00	GBP 115.00	GBP 146.00	
150 x 150 mm	GBP 72.00	GBP 79.00	GBP 97.00	GBP 124.00	GBP 159.00	
300 x 300 mm	GBP 80.00	GBP 91.00	GBP 116.00	GBP 150.00	GBP 196.00	

Coil

Web Code
 903-162-905
 895-370-913
 921-371-580
 171-448-509
 431-070-943

Width 300mm

Length	1 Reel
0.5 m	GBP 98.00
1 m	GBP 108.00
2 m	GBP 121.00
5 m	GBP 150.00
10 m	GBP 183.00

Quantity

Discs

Web Code
 883-873-967
 484-244-173
 530-521-285
 315-151-284
 393-912-072
 239-003-747
 875-468-641

Diameter	10 discs	20 discs	50 discs	100 discs
4 mm	GBP 150.00	GBP 179.00	GBP 221.00	GBP 290.00
6 mm	GBP 150.00	GBP 180.00	GBP 222.00	GBP 291.00
8 mm	GBP 150.00	GBP 180.00	GBP 223.00	GBP 293.00
10 mm	GBP 151.00	GBP 181.00	GBP 224.00	GBP 294.00
15 mm	GBP 152.00	GBP 183.00	GBP 226.00	GBP 297.00
25 mm	GBP 154.00	GBP 185.00	GBP 231.00	GBP 304.00
50 mm	GBP 159.00	GBP 193.00	GBP 243.00	GBP 321.00

Quantity

Typical Analysis : Cu <1000, Fe <7000, Mn <1000, Si <5000, Zn <1000.

Aluminium

Al



Foil

AL000490

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

Purity **99.0%**

Size

Web Code
 981-042-825
 630-358-050

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
150 x 150 mm	GBP 72.00	GBP 79.00	GBP 97.00	GBP 124.00	GBP 159.00
300 x 300 mm	GBP 80.00	GBP 91.00	GBP 116.00	GBP 150.00	GBP 196.00

Coil

Web Code
 156-923-392
 819-121-573
 723-271-687
 087-085-203
 323-085-236
 370-119-781

Length	Quantity	
	1 Reel	
0.5 m	GBP 98.50	
1 m	GBP 108.00	
2 m	GBP 122.00	
5 m	GBP 150.00	
10 m	GBP 184.00	
20 m	GBP 241.00	

Typical Analysis : Cu <1000, Fe <7000, Mn <1000, Si <5000, Zn <1000.

AL000510

Thickness **0.060mm**
 Temper **Annealed**

Purity **99.0%**

Size

Web Code
 408-693-887
 086-732-629
 841-576-904
 197-119-083
 639-886-667

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	GBP 67.00	GBP 71.50	GBP 84.00	GBP 104.00	GBP 130.00
50 x 50 mm	GBP 68.50	GBP 73.50	GBP 87.00	GBP 108.00	GBP 136.00
100 x 100 mm	GBP 71.50	GBP 77.50	GBP 93.50	GBP 117.00	GBP 149.00
150 x 150 mm	GBP 74.50	GBP 81.50	GBP 100.00	GBP 126.00	GBP 162.00
300 x 300 mm	GBP 83.00	GBP 94.00	GBP 119.00	GBP 154.00	GBP 200.00

Coil

Web Code
 985-832-509
 229-071-785
 633-963-665
 245-453-582
 681-695-833

Length	Quantity	
	1 Reel	
1 m	GBP 113.00	
2 m	GBP 127.00	
5 m	GBP 157.00	
10 m	GBP 191.00	
20 m	GBP 244.00	

Discs

Web Code
 211-982-146
 497-763-281
 220-402-000
 550-261-982
 782-738-502
 842-324-036
 290-504-663

Diameter	Quantity		
	10 discs	20 discs	50 discs
4 mm	GBP 164.00	GBP 193.00	GBP 234.00
6 mm	GBP 164.00	GBP 194.00	GBP 235.00
8 mm	GBP 165.00	GBP 194.00	GBP 236.00
10 mm	GBP 165.00	GBP 195.00	GBP 237.00
15 mm	GBP 166.00	GBP 197.00	GBP 239.00
25 mm	GBP 169.00	GBP 200.00	GBP 244.00
50 mm	GBP 174.00	GBP 207.00	GBP 256.00

Typical Analysis : Cu <1000, Fe <7000, Mn <1000, Si <5000, Zn <1000.

AL000520

Thickness **0.075mm**
 Temper **Hard**

Purity **99.0%**

Size

Web Code
 313-082-419
 135-302-480
 912-801-014
 100-129-706
 516-213-970

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	GBP 70.50	GBP 72.50	GBP 78.00	GBP 86.50	GBP 103.00
50 x 50 mm	GBP 71.50	GBP 74.00	GBP 80.50	GBP 90.00	GBP 108.00
100 x 100 mm	GBP 74.00	GBP 77.50	GBP 85.50	GBP 97.00	GBP 118.00
150 x 150 mm	GBP 76.00	GBP 80.50	GBP 90.50	GBP 104.00	GBP 128.00
300 x 300 mm	GBP 83.00	GBP 90.00	GBP 106.00	GBP 126.00	GBP 158.00

Coil

Web Code
 526-743-963
 842-993-163
 374-144-810
 768-108-337
 013-549-465

Length	Quantity	
	1 Reel	
1 m	GBP 104.00	
2 m	GBP 114.00	
5 m	GBP 136.00	
10 m	GBP 162.00	
20 m	GBP 218.00	

Discs

Web Code
 693-680-687
 710-085-019
 760-633-614
 079-202-003
 900-255-898
 531-976-341
 497-049-706

Diameter	Quantity		
	10 discs	20 discs	50 discs
4 mm	GBP 136.00	GBP 151.00	GBP 189.00
6 mm	GBP 136.00	GBP 152.00	GBP 189.00
8 mm	GBP 137.00	GBP 152.00	GBP 190.00
10 mm	GBP 137.00	GBP 152.00	GBP 190.00
15 mm	GBP 138.00	GBP 153.00	GBP 192.00
25 mm	GBP 139.00	GBP 155.00	GBP 195.00
50 mm	GBP 143.00	GBP 161.00	GBP 203.00

Typical Analysis : Cu <1000, Fe <7000, Mn <1000, Si <5000, Zn <1000.

Aluminium

Al



Foil

AL000530

Thickness **0.075mm**
 Temper **Annealed**

Purity **99.0%**

Size

Web Code

131-218-623
 402-332-040
 291-502-434
 437-805-188
 725-640-489

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
25 x 25 mm	GBP 70.50	GBP 72.50	GBP 78.00	GBP 86.50	GBP 103.00
50 x 50 mm	GBP 71.50	GBP 74.00	GBP 80.50	GBP 90.00	GBP 108.00
100 x 100 mm	GBP 74.00	GBP 77.50	GBP 85.50	GBP 97.00	GBP 118.00
150 x 150 mm	GBP 76.00	GBP 80.50	GBP 90.50	GBP 104.00	GBP 128.00
300 x 300 mm	GBP 83.00	GBP 90.00	GBP 106.00	GBP 126.00	GBP 158.00

Coil

Web Code

705-056-143
 132-013-332
 501-663-122
 707-893-597
 486-690-701

Width 300mm

Quantity	
Length	1 Reel
1 m	GBP 104.00
2 m	GBP 114.00
5 m	GBP 136.00
10 m	GBP 162.00
20 m	GBP 218.00

Discs

Web Code

836-337-774
 542-213-182
 776-642-134
 080-263-871
 032-980-464
 122-554-767
 319-345-507

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

Quantity			
	10 discs	20 discs	50 discs
4 mm	GBP 136.00	GBP 151.00	GBP 189.00
6 mm	GBP 136.00	GBP 152.00	GBP 189.00
8 mm	GBP 137.00	GBP 152.00	GBP 190.00
10 mm	GBP 137.00	GBP 152.00	GBP 190.00
15 mm	GBP 138.00	GBP 153.00	GBP 192.00
25 mm	GBP 139.00	GBP 155.00	GBP 195.00
50 mm	GBP 143.00	GBP 161.00	GBP 203.00

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

AL000531

Thickness **0.08mm**
 Temper **Hard**

Purity **99.0%**

Size

Web Code

668-226-222
 633-398-800
 908-147-542
 311-266-982
 679-518-840

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

Quantity					
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	GBP 70.50	GBP 72.50	GBP 78.00	GBP 86.50	GBP 103.00
50 x 50 mm	GBP 72.00	GBP 74.00	GBP 80.50	GBP 90.00	GBP 108.00
100 x 100 mm	GBP 74.00	GBP 77.50	GBP 86.00	GBP 97.50	GBP 118.00
150 x 150 mm	GBP 76.50	GBP 81.00	GBP 91.00	GBP 105.00	GBP 129.00
200 x 300 mm	GBP 81.00	GBP 87.00	GBP 101.00	GBP 119.00	GBP 149.00

Discs

Web Code

255-283-617
 437-510-660
 557-464-231
 735-905-985
 728-980-829
 370-285-059
 672-104-774

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

Quantity			
	10 discs	20 discs	50 discs
4 mm	GBP 136.00	GBP 151.00	GBP 189.00
6 mm	GBP 137.00	GBP 152.00	GBP 189.00
8 mm	GBP 137.00	GBP 152.00	GBP 190.00
10 mm	GBP 137.00	GBP 153.00	GBP 191.00
15 mm	GBP 138.00	GBP 154.00	GBP 192.00
25 mm	GBP 139.00	GBP 156.00	GBP 196.00
50 mm	GBP 143.00	GBP 161.00	GBP 204.00

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

AL000540

Thickness **0.09mm**
 Temper **Annealed**

Purity **99.99%**

Size

Web Code

918-194-466
 774-302-817
 787-858-365
 482-299-041

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

Quantity					
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	GBP 132.00	GBP 148.00	GBP 182.00	GBP 222.00	GBP 284.00
50 x 50 mm	GBP 167.00	GBP 198.00	GBP 261.00	GBP 334.00	GBP 442.00
100 x 100 mm	GBP 238.00	GBP 298.00	GBP 419.00	GBP 558.00	GBP 759.00
150 x 150 mm	GBP 309.00	GBP 399.00	GBP 578.00	GBP 782.00	GBP 1076.00

Coil

Web Code

287-378-944
 922-374-077
 296-752-453
 094-052-113

Width 215mm

Quantity	
Length	1 Reel
0.5 m	GBP 585.00
1 m	GBP 778.00
2 m	GBP 1051.00
5 m	GBP 1593.00

Discs

Web Code

756-523-085
 565-380-299
 672-533-408
 066-678-929
 334-874-105
 859-264-159
 408-019-021

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

Quantity			
	10 discs	20 discs	50 discs
4 mm	GBP 164.00	GBP 182.00	GBP 224.00
6 mm	GBP 171.00	GBP 192.00	GBP 240.00
8 mm	GBP 178.00	GBP 202.00	GBP 256.00
10 mm	GBP 185.00	GBP 212.00	GBP 273.00
15 mm	GBP 203.00	GBP 238.00	GBP 313.00
25 mm	GBP 239.00	GBP 289.00	GBP 393.00
50 mm	GBP 329.00	GBP 416.00	GBP 595.00

Typical Analysis : Ca 1, Cu 10, Fe 30, Ga 3, Mg 20, Na 3, Si 20.

Aluminium

Al



Foil

AL000565

Thickness **0.1mm**
 Temper **As rolled**

High Purity **99.99%**

Size

Web Code

105-972-266
 246-534-609
 593-236-648
 154-576-750

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

Quantity					
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	GBP 157.00	GBP 184.00	GBP 239.00	GBP 303.00	GBP 399.00
50 x 50 mm	GBP 219.00	GBP 271.00	GBP 376.00	GBP 497.00	GBP 672.00
100 x 100 mm	GBP 341.00	GBP 444.00	GBP 650.00	GBP 884.00	
150 x 150 mm	GBP 463.00	GBP 617.00	GBP 923.00		

Coil

Web Code
 322-094-992
 038-618-732

Width 150mm

Length 1 Reel
 0.5 m GBP 791.00
 1 m GBP 1069.00

Quantity

Discs

Web Code
 418-725-306
 340-665-153
 583-147-530
 893-446-938
 680-866-826
 108-359-405
 544-930-381

Quantity			
Diameter	10 discs	20 discs	50 discs
4 mm	GBP 203.00	GBP 234.00	GBP 304.00
6 mm	GBP 220.00	GBP 258.00	GBP 343.00
8 mm	GBP 237.00	GBP 282.00	GBP 381.00
10 mm	GBP 255.00	GBP 307.00	GBP 419.00
15 mm	GBP 297.00	GBP 367.00	GBP 514.00
25 mm	GBP 382.00	GBP 487.00	GBP 705.00
50 mm	GBP 595.00	GBP 789.00	

Typical Analysis : Cu 0.3, Fe 0.3, Mg 1.2, Si 0.8.

Remove possible surface impurities by immersion in aqueous HF 1% / HNO₃ 10% / HCl 20% by volume, 1-3 minutes at 60C.

AL000562

Thickness **0.10mm**
 Purity **99.0%**

Coil width **152mm**
 Temper **Annealed**

Coil

Web Code
 636-008-814
 295-338-444
 117-096-607
 757-705-238
 127-084-136

Width 152mm

Length 1 Reel
 1 m GBP 101.00
 2 m GBP 112.00
 5 m GBP 134.00
 10 m GBP 159.00
 20 m GBP 197.00

Quantity

Typical Analysis : Cu <1000, Fe <7000, Mn <1000, Si <5000, Zn <1000.

AL000555

Thickness **0.10mm**
 Temper **Hard**

Purity **99.0%**

Size

Web Code

854-701-836
 837-736-713
 717-093-189
 636-642-968
 580-372-059

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
25 x 25 mm	GBP 66.50	GBP 68.50	GBP 74.00	GBP 82.50	GBP 98.50
50 x 50 mm	GBP 68.00	GBP 70.50	GBP 77.00	GBP 86.50	GBP 104.00
100 x 100 mm	GBP 70.50	GBP 74.00	GBP 82.50	GBP 94.50	GBP 116.00
150 x 150 mm	GBP 73.00	GBP 78.00	GBP 88.50	GBP 103.00	GBP 127.00
300 x 300 mm	GBP 81.00	GBP 89.00	GBP 106.00	GBP 128.00	GBP 162.00

Coil

Web Code
 546-503-255
 312-905-008
 113-129-412
 141-185-336
 648-173-218
 021-656-884

Width 305mm

Length 1 Reel
 0.5 m GBP 95.00
 1 m GBP 104.00
 2 m GBP 116.00
 5 m GBP 141.00
 10 m GBP 171.00
 20 m GBP 225.00

Quantity

Discs

Web Code
 707-108-581
 388-566-518
 570-820-809
 352-607-471
 075-930-822
 491-353-052
 419-136-939

Quantity			
Diameter	10 discs	20 discs	50 discs
4 mm	GBP 132.00	GBP 146.00	GBP 182.00
6 mm	GBP 132.00	GBP 147.00	GBP 183.00
8 mm	GBP 132.00	GBP 147.00	GBP 184.00
10 mm	GBP 133.00	GBP 148.00	GBP 184.00
15 mm	GBP 134.00	GBP 149.00	GBP 186.00
25 mm	GBP 135.00	GBP 151.00	GBP 190.00
50 mm	GBP 139.00	GBP 157.00	GBP 199.00

Typical Analysis : Cu <1000, Fe <7000, Mn <1000, Si <5000, Zn <1000.

Aluminium

Al



Foil

AL000557

Thickness **0.10mm**
 Temper **Annealed**

Purity **99.0%**

Size

Web Code

392-118-823
 014-860-545
 857-563-608
 195-453-961
 431-747-289

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	
25 x 25 mm	GBP 69.00	GBP 71.50	GBP 78.50	GBP 89.50	GBP 110.00	
50 x 50 mm	GBP 71.00	GBP 74.00	GBP 82.00	GBP 94.50	GBP 117.00	
100 x 100 mm	GBP 74.00	GBP 78.50	GBP 89.00	GBP 104.00	GBP 131.00	
150 x 150 mm	GBP 77.00	GBP 83.00	GBP 96.00	GBP 114.00	GBP 145.00	
300 x 300 mm	GBP 86.50	GBP 96.50	GBP 117.00	GBP 144.00		

Coil

Web Code

968-408-271
 051-028-844
 378-605-218
 325-650-120
 878-988-863

Width 305mm

Length

1 Reel
 1 m GBP 112.00
 2 m GBP 127.00
 5 m GBP 157.00
 10 m GBP 192.00
 20 m GBP 243.00

Quantity

Discs

Web Code

706-272-044
 284-005-106
 500-641-408
 580-175-622
 521-961-040
 245-128-801
 641-105-072

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

		Quantity		
	10 discs	20 discs	50 discs	
4 mm	GBP 138.00	GBP 157.00	GBP 193.00	
6 mm	GBP 138.00	GBP 157.00	GBP 194.00	
8 mm	GBP 139.00	GBP 158.00	GBP 194.00	
10 mm	GBP 139.00	GBP 158.00	GBP 195.00	
15 mm	GBP 140.00	GBP 160.00	GBP 198.00	
25 mm	GBP 142.00	GBP 163.00	GBP 202.00	
50 mm	GBP 147.00	GBP 170.00	GBP 213.00	

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

AL000558

Thickness **0.10mm**
 Temper **Annealed**

Purity **99.5%**

Size

Web Code

006-445-541
 191-783-548
 349-364-658
 831-271-794

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

		Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs	
50 x 50 mm	GBP 80.50	GBP 88.50	GBP 110.00	GBP 141.00	GBP 201.00	
100 x 100 mm	GBP 88.00	GBP 98.50	GBP 125.00	GBP 164.00	GBP 232.00	
150 x 150 mm	GBP 95.00	GBP 109.00	GBP 141.00	GBP 186.00	GBP 264.00	
300 x 300 mm	GBP 116.00	GBP 139.00	GBP 188.00	GBP 253.00		

Coil

Web Code

948-548-535
 516-663-637
 771-481-310
 568-728-954

Width 305mm

Length

1 Reel
 0.5 m GBP 143.00
 1 m GBP 172.00
 2 m GBP 217.00
 5 m GBP 318.00

Quantity

Discs

Web Code

975-144-556
 383-912-066
 065-027-229
 803-273-146
 336-140-529
 559-080-856
 052-152-058

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

		Quantity		
	10 discs	20 discs	50 discs	
4 mm	GBP 174.00	GBP 225.00	GBP 301.00	
6 mm	GBP 174.00	GBP 226.00	GBP 303.00	
8 mm	GBP 175.00	GBP 227.00	GBP 305.00	
10 mm	GBP 176.00	GBP 228.00	GBP 307.00	
15 mm	GBP 178.00	GBP 231.00	GBP 312.00	
25 mm	GBP 183.00	GBP 238.00	GBP 322.00	
50 mm	GBP 194.00	GBP 254.00	GBP 347.00	

Typical Analysis : Cu < 500, Fe < 4000, Mn < 500, Si < 3000, Zn < 1000.

AL000563

Thickness **0.10mm**
 Purity **99.0%**

Coil width **610mm**
 Temper **Annealed**

Coil

Web Code

264-465-189
 067-950-741
 321-593-471
 773-701-949
 559-006-383

Width 610mm

Length

1 Reel
 1 m GBP 136.00
 2 m GBP 161.00
 5 m GBP 212.00
 10 m GBP 272.00
 20 m GBP 468.00

Quantity

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

Aluminium

Al



Foil

AL000560

Thickness **0.116mm**
 Temper **As rolled**

High Purity **99.999%**

Size

Web Code

138-137-367
 267-165-523
 395-688-762
 461-090-663

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	GBP 165.00	GBP 194.00	GBP 255.00	GBP 326.00	GBP 431.00
50 x 50 mm	GBP 233.00	GBP 291.00	GBP 408.00	GBP 543.00	GBP 737.00
100 x 100 mm	GBP 370.00	GBP 485.00	GBP 714.00	GBP 975.00	GBP 1349.00
150 x 150 mm	GBP 507.00	GBP 678.00	GBP 1020.00	GBP 1408.00	

Coil

Web Code

636-328-641
 541-077-603

Width 150mm

Length

1 Reel
 1 m GBP 1180.00
 2 m GBP 1620.00

Quantity

Discs

Web Code

634-708-535
 338-570-950
 321-364-092
 170-500-812
 312-606-754
 075-846-773
 480-847-782

Diameter	Quantity		
	10 discs	20 discs	50 discs
4 mm	GBP 207.00	GBP 240.00	GBP 313.00
6 mm	GBP 226.00	GBP 267.00	GBP 356.00
8 mm	GBP 245.00	GBP 294.00	GBP 399.00
10 mm	GBP 265.00	GBP 321.00	GBP 441.00
15 mm	GBP 312.00	GBP 388.00	GBP 548.00
25 mm	GBP 407.00	GBP 523.00	GBP 761.00
50 mm	GBP 646.00	GBP 860.00	GBP 1294.00

Typical Analysis : Cu 0.3, Fe 0.3, Mg 1.2, Si 0.8.

Remove possible surface impurities by immersion in aqueous HF 1% / HNO₃ 10% / HCl 20% by volume, 1-3 minutes at 60C.

AL000581

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

High Purity **99.999%**

Size

Web Code

717-415-380
 676-920-888
 615-101-269

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	GBP 137.00	GBP 162.00	GBP 216.00	GBP 283.00	GBP 388.00
50 x 50 mm	GBP 189.00	GBP 236.00	GBP 333.00	GBP 448.00	GBP 622.00
100 x 100 mm	GBP 293.00	GBP 383.00	GBP 566.00	GBP 778.00	GBP 1089.00

Coil

Web Code

887-658-023
 957-251-650
 057-391-725

Width 100mm

Length

1 Reel
 0.5 m GBP 573.00
 1 m GBP 767.00
 2 m GBP 1041.00

Quantity

Discs

Web Code

173-969-491
 746-185-892
 273-226-242
 153-278-514
 159-821-392
 977-671-529
 208-938-330

Diameter	Quantity		
	10 discs	20 discs	50 discs
4 mm	GBP 207.00	GBP 260.00	GBP 345.00
6 mm	GBP 221.00	GBP 280.00	GBP 377.00
8 mm	GBP 236.00	GBP 301.00	GBP 410.00
10 mm	GBP 251.00	GBP 321.00	GBP 442.00
15 mm	GBP 287.00	GBP 373.00	GBP 524.00
25 mm	GBP 360.00	GBP 476.00	GBP 686.00
50 mm	GBP 542.00	GBP 733.00	

Typical Analysis : Cu 0.3, Fe 0.3, Mg 1.2, Si 0.8.

Remove possible surface impurities by immersion in aqueous HF 1% / HNO₃ 10% / HCl 20% by volume, 1-3 minutes at 60C.

AL000580

Thickness **0.125mm**
 Temper **As rolled**

High Purity **99.999%**

Size

Web Code

853-864-604
 733-085-950
 635-737-895
 467-227-539
 403-440-385

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	GBP 137.00	GBP 162.00	GBP 216.00	GBP 283.00	GBP 388.00
50 x 50 mm	GBP 189.00	GBP 236.00	GBP 333.00	GBP 448.00	GBP 622.00
100 x 100 mm	GBP 293.00	GBP 383.00	GBP 566.00	GBP 778.00	
150 x 150 mm	GBP 398.00	GBP 531.00	GBP 800.00		
300 x 300 mm	GBP 711.00	GBP 974.00			

Coil

Web Code

430-038-532
 754-815-002
 351-876-446
 984-556-962

Width 150mm

Length

1 Reel
 0.5 m GBP 678.00
 1 m GBP 916.00
 1.5 m GBP 1098.00
 2 m GBP 1251.00

Quantity

Discs

Web Code

069-614-400
 701-800-282
 725-032-877
 629-104-807
 638-112-120
 764-013-909
 501-739-380

Diameter	Quantity		
	10 discs	20 discs	50 discs
4 mm	GBP 207.00	GBP 260.00	GBP 345.00
6 mm	GBP 221.00	GBP 280.00	GBP 377.00
8 mm	GBP 236.00	GBP 301.00	GBP 410.00
10 mm	GBP 251.00	GBP 321.00	GBP 442.00
15 mm	GBP 287.00	GBP 373.00	GBP 524.00
25 mm	GBP 360.00	GBP 476.00	GBP 686.00
50 mm	GBP 542.00	GBP 733.00	GBP 1094.00

Typical Analysis : Cu 0.3, Fe 0.3, Mg 1.2, Si 0.8.

Remove possible surface impurities by immersion in aqueous HF 1% / HNO₃ 10% / HCl 20% by volume, 1-3 minutes at 60C.

Aluminium

Al



Foil

AL000592

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

Purity **99.0%**

Size

Web Code

145-756-971
 219-617-843
 452-227-132
 528-397-602
 049-702-022

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
25 x 25 mm	GBP 57.00	GBP 61.50	GBP 73.50	GBP 85.50	GBP 98.50
50 x 50 mm	GBP 58.50	GBP 63.00	GBP 76.50	GBP 89.50	GBP 104.00
100 x 100 mm	GBP 61.00	GBP 67.00	GBP 82.50	GBP 98.00	GBP 116.00
150 x 150 mm	GBP 63.50	GBP 70.50	GBP 88.50	GBP 106.00	GBP 128.00
300 x 300 mm	GBP 71.50	GBP 82.00	GBP 106.00	GBP 132.00	GBP 164.00

Coil

Web Code

212-755-242
 594-412-161
 301-517-079
 689-636-646
 204-578-175

Width 300mm

Length

1 Reel
 1 m GBP 82.00
 2 m GBP 95.50
 5 m GBP 125.00
 10 m GBP 161.00
 20 m GBP 250.00

Quantity

Discs

Web Code

572-267-102
 533-388-337
 673-539-034
 192-385-196
 048-146-707
 018-339-820
 292-483-756

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

Quantity			
	10 discs	20 discs	50 discs
4 mm	GBP 135.00	GBP 146.00	GBP 180.00
6 mm	GBP 135.00	GBP 147.00	GBP 181.00
8 mm	GBP 135.00	GBP 147.00	GBP 182.00
10 mm	GBP 136.00	GBP 148.00	GBP 182.00
15 mm	GBP 137.00	GBP 149.00	GBP 184.00
25 mm	GBP 138.00	GBP 151.00	GBP 188.00
50 mm	GBP 143.00	GBP 157.00	GBP 197.00

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

AL000594

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

Purity **99.0%**

Size

Web Code

779-003-280
 378-985-118

Size
 150 x 150 mm
 300 x 300 mm

Quantity					
	1pc	2pcs	5pcs	10pcs	20pcs
150 x 150 mm	GBP 71.00	GBP 81.00	GBP 105.00	GBP 130.00	GBP 161.00
300 x 300 mm	GBP 86.50	GBP 103.00	GBP 139.00	GBP 179.00	GBP 274.00

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

AL000591

Thickness **0.125mm**
 Temper **Annealed**

Purity **99.0%**

Size

Web Code

034-023-684
 252-954-859
 619-351-387
 418-914-182
 364-268-653

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
25 x 25 mm	GBP 57.00	GBP 61.50	GBP 73.50	GBP 85.50	GBP 98.50
50 x 50 mm	GBP 58.50	GBP 63.00	GBP 76.50	GBP 89.50	GBP 104.00
100 x 100 mm	GBP 61.00	GBP 67.00	GBP 82.50	GBP 98.00	GBP 116.00
150 x 150 mm	GBP 63.50	GBP 70.50	GBP 88.50	GBP 106.00	GBP 128.00
300 x 300 mm	GBP 71.50	GBP 82.00	GBP 106.00	GBP 132.00	GBP 164.00

Coil

Web Code

533-577-111
 697-142-541
 142-814-779
 851-842-311
 480-287-765

Width 300mm

Length

1 Reel
 1 m GBP 82.00
 2 m GBP 95.50
 5 m GBP 125.00
 10 m GBP 161.00
 20 m GBP 250.00

Quantity

Discs

Web Code

035-966-659
 495-828-846
 978-600-993
 325-122-618
 640-334-441
 041-801-371
 225-166-026

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

Quantity			
	10 discs	20 discs	50 discs
4 mm	GBP 135.00	GBP 146.00	GBP 180.00
6 mm	GBP 135.00	GBP 147.00	GBP 181.00
8 mm	GBP 135.00	GBP 147.00	GBP 182.00
10 mm	GBP 136.00	GBP 148.00	GBP 182.00
15 mm	GBP 137.00	GBP 149.00	GBP 184.00
25 mm	GBP 138.00	GBP 151.00	GBP 188.00
50 mm	GBP 143.00	GBP 157.00	GBP 197.00

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

AL000596

Thickness **0.130mm**
 Temper **Hard**

Purity **99.99%**
 Condition **Polished both sides**

Size

Web Code

386-917-480
 059-734-976
 524-289-886

Size
 100 x 119 mm
 100 x 179 mm
 100 x 358 mm

Quantity				
	1pc	2pcs	5pcs	10pcs
100 x 119 mm	GBP 138.00	GBP 166.00	GBP 274.00	GBP 463.00
100 x 179 mm	GBP 151.00	GBP 191.00	GBP 364.00	GBP 644.00
100 x 358 mm	GBP 188.00	GBP 299.00		

Typical Analysis : Ca 1, Cu 10, Fe 30, Ga 3, Mg 20, Na 3, Si 20.

PLEASE NOTE: The surface of the material contains blemishes and scratches, and is being offered at a discounted price.

Aluminium

Al



Foil

AL000601

Thickness **0.15mm**
 Temper **Hard**

Purity **99.0%**

Size

Web Code

828-310-359
 538-798-885
 349-858-076
 732-250-433
 531-310-475

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
25 x 25 mm	GBP 61.50	GBP 63.00	GBP 68.00	GBP 76.00	GBP 90.50	
50 x 50 mm	GBP 62.50	GBP 65.00	GBP 71.00	GBP 80.00	GBP 96.50	
100 x 100 mm	GBP 65.50	GBP 69.00	GBP 77.00	GBP 88.50	GBP 109.00	
150 x 150 mm	GBP 68.00	GBP 73.00	GBP 83.50	GBP 97.00	GBP 121.00	
300 x 300 mm	GBP 76.00	GBP 84.50	GBP 101.00	GBP 123.00	GBP 157.00	

Coil

Web Code

413-811-865
 726-484-010
 810-511-629
 313-951-468
 243-931-800

Width 305mm

Length

1 m GBP 99.50
 2 m GBP 112.00
 5 m GBP 139.00
 10 m GBP 173.00
 20 m GBP 277.00

Quantity

Discs

Web Code

491-482-530
 435-319-611
 414-951-269
 868-909-333
 613-671-827
 708-978-219
 622-276-381

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

		Quantity		
		10 discs	20 discs	50 discs
4 mm	GBP 125.00	GBP 138.00	GBP 170.00	
6 mm	GBP 125.00	GBP 139.00	GBP 170.00	
8 mm	GBP 126.00	GBP 139.00	GBP 171.00	
10 mm	GBP 126.00	GBP 140.00	GBP 172.00	
15 mm	GBP 127.00	GBP 141.00	GBP 174.00	
25 mm	GBP 129.00	GBP 143.00	GBP 178.00	
50 mm	GBP 133.00	GBP 149.00	GBP 187.00	

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

AL000603

Thickness **0.16mm**
 Temper **As rolled**

Purity **99.999%**

Discs

Web Code

358-013-553
 679-774-663

Diameter
 7 mm
 19 mm

		Quantity			
		1 discs	2 discs	5 discs	10 discs
7 mm	GBP 147.00	GBP 157.00	GBP 182.00	GBP 216.00	
19 mm	GBP 175.00				

Typical Analysis : Cu 0.3, Fe 0.3, Mg 1.2, Si 0.8.

Remove possible surface impurities by immersion in aqueous HF 1% / HNO₃ 10% / HCl 20% by volume, 1-3 minutes at 60C. Very limited stock available.

AL000614

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

Purity **99.0%**

Size

Web Code

046-142-527
 625-805-515
 401-623-848
 818-794-305
 025-051-587

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

		Quantity				
		1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	GBP 61.50	GBP 63.00	GBP 67.50	GBP 74.00	GBP 86.50	
50 x 50 mm	GBP 63.00	GBP 65.00	GBP 71.00	GBP 79.00	GBP 93.50	
100 x 100 mm	GBP 66.00	GBP 69.50	GBP 78.00	GBP 89.00	GBP 107.00	
150 x 150 mm	GBP 69.00	GBP 74.00	GBP 85.00	GBP 99.00	GBP 121.00	
200 x 300 mm	GBP 75.00	GBP 82.50	GBP 98.00	GBP 118.00	GBP 148.00	

Discs

Web Code

783-347-571
 389-040-375
 170-211-910
 918-662-796
 576-887-679
 642-488-794
 224-788-903

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

		Quantity		
		10 discs	20 discs	50 discs
4 mm	GBP 123.00	GBP 133.00	GBP 157.00	
6 mm	GBP 123.00	GBP 134.00	GBP 158.00	
8 mm	GBP 123.00	GBP 135.00	GBP 159.00	
10 mm	GBP 124.00	GBP 135.00	GBP 160.00	
15 mm	GBP 125.00	GBP 136.00	GBP 162.00	
25 mm	GBP 127.00	GBP 139.00	GBP 166.00	
50 mm	GBP 132.00	GBP 146.00	GBP 177.00	

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

Metal – Aluminium

Aluminium

Al



Foil

AL000611

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

Purity **99.0%**

Size

Web Code

444-342-569
 542-820-011
 852-503-920
 562-989-104
 373-645-974

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
25 x 25 mm	GBP 61.50	GBP 63.00	GBP 67.50	GBP 74.00	GBP 86.50	
50 x 50 mm	GBP 63.00	GBP 65.00	GBP 71.00	GBP 79.00	GBP 93.50	
100 x 100 mm	GBP 66.00	GBP 69.50	GBP 78.00	GBP 89.00	GBP 107.00	
150 x 150 mm	GBP 69.00	GBP 74.00	GBP 85.00	GBP 99.00	GBP 121.00	
300 x 300 mm	GBP 78.50	GBP 87.50	GBP 106.00	GBP 128.00	GBP 163.00	

Coil

Web Code

705-747-008
 218-380-466
 297-553-120
 194-143-242
 267-909-034

Width 305mm

Length

1 Reel
 1 m GBP 104.00
 2 m GBP 119.00
 5 m GBP 149.00
 10 m GBP 206.00
 20 m GBP 342.00

Quantity

Discs

Web Code

488-627-270
 078-407-062
 800-879-915
 109-997-385
 749-672-388
 709-040-441
 630-054-752

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

Quantity

	10 discs	20 discs	50 discs
4 mm	GBP 123.00	GBP 133.00	GBP 157.00
6 mm	GBP 123.00	GBP 134.00	GBP 158.00
8 mm	GBP 123.00	GBP 135.00	GBP 159.00
10 mm	GBP 124.00	GBP 135.00	GBP 160.00
15 mm	GBP 125.00	GBP 136.00	GBP 162.00
25 mm	GBP 127.00	GBP 139.00	GBP 166.00
50 mm	GBP 132.00	GBP 146.00	GBP 177.00

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

AL000612

Thickness **0.20mm**
 Temper **Annealed**

Purity **99.0%**

Size

Web Code

033-093-203
 967-509-956
 031-276-652
 663-603-484
 037-788-473

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
25 x 25 mm	GBP 61.50	GBP 63.00	GBP 67.50	GBP 74.00	GBP 86.50	
50 x 50 mm	GBP 63.00	GBP 65.00	GBP 71.00	GBP 79.00	GBP 93.50	
100 x 100 mm	GBP 66.00	GBP 69.50	GBP 78.00	GBP 89.00	GBP 107.00	
150 x 150 mm	GBP 69.00	GBP 74.00	GBP 85.00	GBP 99.00	GBP 121.00	
300 x 300 mm	GBP 78.50	GBP 87.50	GBP 106.00	GBP 128.00	GBP 163.00	

Coil

Web Code

455-251-462
 732-706-724
 190-061-307
 314-590-246
 471-178-867

Width 305mm

Length

1 Reel
 1 m GBP 104.00
 2 m GBP 119.00
 5 m GBP 149.00
 10 m GBP 206.00
 20 m GBP 342.00

Quantity

Discs

Web Code

900-943-947
 704-798-949
 899-136-394
 622-154-552
 717-200-180
 238-501-652
 394-532-516

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

Quantity

	10 discs	20 discs	50 discs
4 mm	GBP 123.00	GBP 133.00	GBP 157.00
6 mm	GBP 123.00	GBP 134.00	GBP 158.00
8 mm	GBP 123.00	GBP 135.00	GBP 159.00
10 mm	GBP 124.00	GBP 135.00	GBP 160.00
15 mm	GBP 125.00	GBP 136.00	GBP 162.00
25 mm	GBP 127.00	GBP 139.00	GBP 166.00
50 mm	GBP 132.00	GBP 146.00	GBP 177.00

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

AL000628

Thickness **0.20mm**
 Temper **As rolled**

High Purity **99.999%**

Size

Web Code

703-655-282
 441-682-165
 471-323-228
 628-361-403
 415-274-585

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
25 x 25 mm	GBP 87.00	GBP 99.50	GBP 128.00	GBP 166.00	GBP 212.00	
50 x 50 mm	GBP 108.00	GBP 129.00	GBP 175.00	GBP 233.00	GBP 307.00	
100 x 100 mm	GBP 150.00	GBP 189.00	GBP 270.00	GBP 367.00		
150 x 150 mm	GBP 193.00	GBP 249.00	GBP 371.00			
300 x 300 mm	GBP 320.00	GBP 534.00				

Coil

Web Code

861-318-856

Width 305mm

Length

1 Reel
 0.5 m GBP 493.00

Quantity

Discs

Web Code

814-524-932
 401-821-409
 816-770-438
 159-653-107
 400-740-167
 740-035-105
 837-059-138

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

Quantity

	10 discs	20 discs	50 discs
4 mm	GBP 163.00	GBP 186.00	GBP 250.00
6 mm	GBP 168.00	GBP 193.00	GBP 262.00
8 mm	GBP 173.00	GBP 201.00	GBP 274.00
10 mm	GBP 179.00	GBP 208.00	GBP 286.00
15 mm	GBP 192.00	GBP 227.00	GBP 316.00
25 mm	GBP 219.00	GBP 266.00	GBP 377.00
50 mm	GBP 287.00	GBP 361.00	

Typical Analysis : Cu 0.3, Fe 0.3, Mg 1.2, Si 0.8.

Remove possible surface impurities by immersion in aqueous HF 1% / HNO₃ 10% / HCl 20% by volume, 1-3 minutes at 60C.

Aluminium

Al



Foil

AL000613

Thickness **0.20mm**
 Purity **99.0%**

Coil width **600mm**
 Temper **Hard**

Coil

Web Code
 184-457-093
 182-694-779
 520-566-043
 921-766-789
 945-854-167

Width 600mm

Length	1 Reel
0.5 m	GBP 116.00
1 m	GBP 132.00
2 m	GBP 154.00
5 m	GBP 220.00
10 m	GBP 359.00

Quantity

Typical Analysis : Cu <1000, Fe <7000, Mn <1000, Si <5000, Zn <1000.

AL000609

Thickness **0.20mm**
 Temper **Annealed**

Purity **99.0%**

Size

Web Code
 944-335-537
 064-090-982
 610-988-463
 450-400-149
 216-686-095

Size

25 x 25 mm	GBP 61.50
50 x 50 mm	GBP 63.50
100 x 100 mm	GBP 67.00
150 x 150 mm	GBP 71.00
300 x 300 mm	GBP 82.00

Quantity

	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	GBP 61.50	GBP 63.50	GBP 68.00	GBP 75.00	GBP 87.50
50 x 50 mm	GBP 63.50	GBP 66.00	GBP 72.00	GBP 81.00	GBP 96.00
100 x 100 mm	GBP 67.00	GBP 71.00	GBP 80.50	GBP 92.50	GBP 113.00
150 x 150 mm	GBP 71.00	GBP 76.50	GBP 88.50	GBP 104.00	GBP 129.00
300 x 300 mm	GBP 82.00	GBP 92.00	GBP 114.00	GBP 139.00	GBP 188.00

Coil

Web Code
 371-626-940
 313-725-129
 686-198-198
 370-476-072
 520-178-033

Width 610mm

Length	1 Reel
1 m	GBP 127.00
2 m	GBP 152.00
5 m	GBP 255.00
10 m	GBP 442.00
20 m	GBP 815.00

Quantity

Discs

Web Code
 961-960-016
 962-497-182
 633-243-238
 629-307-070
 899-810-720
 210-858-594
 812-583-076

Diameter

4 mm	GBP 123.00
6 mm	GBP 123.00
8 mm	GBP 124.00
10 mm	GBP 124.00
15 mm	GBP 125.00
25 mm	GBP 128.00
50 mm	GBP 134.00

Quantity

	10 discs	20 discs	50 discs
4 mm	GBP 123.00	GBP 134.00	GBP 157.00
6 mm	GBP 123.00	GBP 134.00	GBP 158.00
8 mm	GBP 124.00	GBP 135.00	GBP 159.00
10 mm	GBP 124.00	GBP 136.00	GBP 161.00
15 mm	GBP 125.00	GBP 137.00	GBP 163.00
25 mm	GBP 128.00	GBP 141.00	GBP 168.00
50 mm	GBP 134.00	GBP 149.00	GBP 182.00

Typical Analysis : Cu <1000, Fe <7000, Mn <1000, Si <5000, Zn <1000.

AL000630

Thickness **0.25mm**
 Temper **As rolled**

High Purity **99.999%**

Size

Web Code
 755-171-280
 396-401-145
 550-139-926
 767-494-745
 617-213-557

Size

25 x 25 mm	GBP 88.00
50 x 50 mm	GBP 110.00
100 x 100 mm	GBP 154.00
150 x 150 mm	GBP 199.00
300 x 300 mm	GBP 332.00

Quantity

	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	GBP 88.00	GBP 101.00	GBP 130.00	GBP 169.00	GBP 217.00
50 x 50 mm	GBP 110.00	GBP 132.00	GBP 180.00	GBP 239.00	GBP 316.00
100 x 100 mm	GBP 154.00	GBP 195.00	GBP 279.00	GBP 382.00	
150 x 150 mm	GBP 199.00	GBP 257.00	GBP 398.00		
300 x 300 mm	GBP 332.00	GBP 578.00			

Coil

Web Code
 104-784-591

Width 300mm

Length	1 Reel
0.5 m	GBP 523.00

Quantity

Discs

Web Code
 412-882-726
 610-344-423
 293-057-069
 632-131-175
 016-392-901
 049-118-038
 139-754-549

Diameter

4 mm	GBP 163.00
6 mm	GBP 169.00
8 mm	GBP 174.00
10 mm	GBP 180.00
15 mm	GBP 194.00
25 mm	GBP 222.00
50 mm	GBP 293.00

Quantity

	10 discs	20 discs	50 discs
4 mm	GBP 163.00	GBP 186.00	GBP 251.00
6 mm	GBP 169.00	GBP 194.00	GBP 264.00
8 mm	GBP 174.00	GBP 202.00	GBP 276.00
10 mm	GBP 180.00	GBP 210.00	GBP 289.00
15 mm	GBP 194.00	GBP 230.00	GBP 321.00
25 mm	GBP 222.00	GBP 270.00	GBP 384.00
50 mm	GBP 293.00	GBP 370.00	

Typical Analysis : Cu 0.3, Fe 0.3, Mg 1.2, Si 0.8.

Remove possible surface impurities by immersion in aqueous HF 1% / HNO₃ 10% / HCl 20% by volume, 1-3 minutes at 60C.

Aluminium

Al



Foil

AL000621

Thickness **0.25mm**
 Temper **Hard**

Purity **99.0%**

Size

Web Code

869-431-566
 678-938-900
 867-362-913
 420-373-981
 546-748-267

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
25 x 25 mm			GBP 70.50	GBP 81.50	GBP 91.50
50 x 50 mm	GBP 55.00	GBP 60.50	GBP 74.50	GBP 87.00	GBP 99.00
100 x 100 mm	GBP 58.50	GBP 65.50	GBP 82.00	GBP 98.00	GBP 115.00
150 x 150 mm	GBP 62.00	GBP 70.00	GBP 90.00	GBP 109.00	GBP 130.00
300 x 300 mm	GBP 72.50	GBP 85.00	GBP 113.00	GBP 142.00	GBP 181.00

Coil

Web Code

343-526-924
 940-864-892
 608-101-069
 012-632-155
 579-016-202

Width 305mm

Quantity	
Length	1 Reel
1 m	GBP 97.50
2 m	GBP 114.00
5 m	GBP 147.00
10 m	GBP 228.00
20 m	GBP 398.00

Discs

Web Code

377-032-357
 129-044-222
 130-534-844
 316-858-906
 607-371-154
 921-392-399
 174-041-300

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

Quantity			
	10 discs	20 discs	50 discs
4 mm	GBP 130.00	GBP 138.00	GBP 161.00
6 mm	GBP 130.00	GBP 138.00	GBP 162.00
8 mm	GBP 131.00	GBP 139.00	GBP 163.00
10 mm	GBP 131.00	GBP 139.00	GBP 164.00
15 mm	GBP 132.00	GBP 141.00	GBP 166.00
25 mm	GBP 134.00	GBP 144.00	GBP 171.00
50 mm	GBP 140.00	GBP 152.00	GBP 183.00

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

AL000622

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

Purity **99.0%**

Size

Web Code

942-583-454
 211-171-695
 977-903-837
 881-821-311
 913-471-500

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
25 x 25 mm			GBP 70.50	GBP 81.50	GBP 91.50
50 x 50 mm	GBP 55.00	GBP 60.50	GBP 74.50	GBP 87.00	GBP 99.00
100 x 100 mm	GBP 58.50	GBP 65.50	GBP 82.00	GBP 98.00	GBP 115.00
150 x 150 mm	GBP 62.00	GBP 70.00	GBP 90.00	GBP 109.00	GBP 130.00
300 x 300 mm	GBP 72.50	GBP 85.00	GBP 113.00	GBP 142.00	GBP 181.00

Coil

Web Code

458-893-964
 338-096-093
 290-240-186
 047-655-293
 283-625-626

Width 305mm

Quantity	
Length	1 Reel
1 m	GBP 97.50
2 m	GBP 114.00
5 m	GBP 147.00
10 m	GBP 228.00
20 m	GBP 398.00

Discs

Web Code

913-900-794
 516-157-729
 744-010-517
 407-080-876
 505-819-085
 635-322-902
 102-260-672

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

Quantity			
	10 discs	20 discs	50 discs
4 mm	GBP 130.00	GBP 138.00	GBP 161.00
6 mm	GBP 130.00	GBP 138.00	GBP 162.00
8 mm	GBP 131.00	GBP 139.00	GBP 163.00
10 mm	GBP 131.00	GBP 139.00	GBP 164.00
15 mm	GBP 132.00	GBP 141.00	GBP 166.00
25 mm	GBP 134.00	GBP 144.00	GBP 171.00
50 mm	GBP 140.00	GBP 152.00	GBP 183.00

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

AL000636

Thickness **0.3mm**
 Temper **Hard**

Purity **99.0%**

Size

Web Code

052-866-525
 042-048-978
 289-124-287
 834-161-698
 899-171-165

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

Quantity					
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	GBP 61.50	GBP 63.50	GBP 68.50	GBP 75.50	GBP 88.50
50 x 50 mm	GBP 63.50	GBP 66.50	GBP 72.50	GBP 81.50	GBP 97.00
100 x 100 mm	GBP 67.50	GBP 72.00	GBP 81.50	GBP 94.00	GBP 115.00
150 x 150 mm	GBP 71.50	GBP 77.50	GBP 90.50	GBP 107.00	GBP 132.00
200 x 300 mm	GBP 79.00	GBP 88.00	GBP 107.00	GBP 130.00	GBP 166.00

Discs

Web Code

650-512-212
 978-121-755
 924-255-416
 318-300-502
 285-832-648
 711-315-756
 864-526-782

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

Quantity			
	10 discs	20 discs	50 discs
4 mm	GBP 123.00	GBP 134.00	GBP 158.00
6 mm	GBP 123.00	GBP 134.00	GBP 159.00
8 mm	GBP 124.00	GBP 135.00	GBP 160.00
10 mm	GBP 124.00	GBP 136.00	GBP 161.00
15 mm	GBP 126.00	GBP 138.00	GBP 164.00
25 mm	GBP 128.00	GBP 141.00	GBP 169.00
50 mm	GBP 134.00	GBP 150.00	GBP 183.00

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

Aluminium

Al



Foil

AL000635

Thickness **0.3mm**
 Temper **Half hard**

Purity **99.0%**

Size

Web Code

469-314-637
 664-329-885
 041-225-935
 153-238-134
 154-769-807

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
	25 x 25 mm	GBP 61.50	GBP 63.50	GBP 68.50	GBP 75.50	GBP 88.50
	50 x 50 mm	GBP 63.50	GBP 66.50	GBP 72.50	GBP 81.50	GBP 97.00
	100 x 100 mm	GBP 67.50	GBP 72.00	GBP 81.50	GBP 94.00	GBP 115.00
	150 x 150 mm	GBP 71.50	GBP 77.50	GBP 90.50	GBP 107.00	GBP 132.00
	300 x 300 mm	GBP 83.50	GBP 94.50	GBP 117.00	GBP 144.00	GBP 203.00

Coil

Web Code

639-584-838
 346-234-808
 279-359-507
 919-943-277
 251-570-998

Width 305mm

Length

1 Reel
 0.5 m GBP 100.00
 1 m GBP 113.00
 2 m GBP 132.00
 5 m GBP 177.00
 10 m GBP 284.00

Quantity

Discs

Web Code

992-902-899
 112-859-402
 107-434-216
 429-282-416
 660-311-852
 538-982-387
 372-790-860

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

		Quantity		
		10 discs	20 discs	50 discs
	4 mm	GBP 123.00	GBP 134.00	GBP 158.00
	6 mm	GBP 123.00	GBP 134.00	GBP 159.00
	8 mm	GBP 124.00	GBP 135.00	GBP 160.00
	10 mm	GBP 124.00	GBP 136.00	GBP 161.00
	15 mm	GBP 126.00	GBP 138.00	GBP 164.00
	25 mm	GBP 128.00	GBP 141.00	GBP 169.00
	50 mm	GBP 134.00	GBP 150.00	GBP 183.00

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

AL000637

Thickness **0.32mm**
 Temper **As rolled**

High Purity **99.999%**

Size

Web Code

598-861-078
 857-628-390
 203-545-325
 443-163-457
 049-951-644

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
	25 x 25 mm	GBP 90.00	GBP 103.00	GBP 132.00	GBP 164.00
	50 x 50 mm	GBP 115.00	GBP 138.00	GBP 188.00	GBP 243.00
	100 x 100 mm	GBP 164.00	GBP 208.00	GBP 299.00	
	150 x 150 mm	GBP 214.00	GBP 279.00		
	300 x 300 mm	GBP 398.00			

Coil

Web Code

395-432-624
 429-082-943

Width 150mm

Length

1 Reel
 0.5 m GBP 349.00
 1 m GBP 635.00

Quantity

Discs

Web Code

420-914-773
 614-339-844
 792-484-374
 060-538-572
 567-315-306
 914-423-923
 302-994-075

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

		Quantity		
		10 discs	20 discs	50 discs
	4 mm	GBP 151.00	GBP 166.00	GBP 204.00
	6 mm	GBP 157.00	GBP 174.00	GBP 218.00
	8 mm	GBP 164.00	GBP 183.00	GBP 232.00
	10 mm	GBP 170.00	GBP 192.00	GBP 247.00
	15 mm	GBP 186.00	GBP 215.00	GBP 282.00
	25 mm	GBP 217.00	GBP 260.00	GBP 353.00
	50 mm	GBP 297.00	GBP 373.00	

Typical Analysis :
 Remove possible surface impurities by immersion in aqueous HF 1% / HNO₃ 10% / HCl 20% by volume, 1-3 minutes at 60C.

AL000638

Thickness **0.38mm**
 Temper **Half hard**

Purity **99.0%**

Size

Web Code

528-270-608
 826-080-046
 198-991-858
 371-545-832
 676-944-401

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
	25 x 25 mm	GBP 62.00	GBP 64.00	GBP 69.00	GBP 76.00	GBP 89.50
	50 x 50 mm	GBP 64.00	GBP 67.00	GBP 74.00	GBP 83.00	GBP 99.50
	100 x 100 mm	GBP 68.50	GBP 73.50	GBP 84.00	GBP 97.00	GBP 119.00
	150 x 150 mm	GBP 73.00	GBP 79.50	GBP 93.50	GBP 111.00	GBP 139.00
	300 x 300 mm	GBP 86.50	GBP 98.50	GBP 124.00	GBP 153.00	GBP 236.00

Coil

Web Code

378-076-781
 273-182-924
 651-751-500
 723-530-998
 054-178-619

Width 305mm

Length

1 Reel
 0.5 m GBP 104.00
 1 m GBP 119.00
 2 m GBP 140.00
 5 m GBP 205.00
 10 m GBP 340.00

Quantity

Discs

Web Code

647-169-258
 452-587-565
 516-882-110
 546-171-594
 336-577-124
 436-810-469
 380-874-334

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

		Quantity		
		10 discs	20 discs	50 discs
	4 mm	GBP 123.00	GBP 134.00	GBP 158.00
	6 mm	GBP 124.00	GBP 135.00	GBP 159.00
	8 mm	GBP 124.00	GBP 135.00	GBP 160.00
	10 mm	GBP 125.00	GBP 136.00	GBP 162.00
	15 mm	GBP 126.00	GBP 138.00	GBP 165.00
	25 mm	GBP 129.00	GBP 142.00	GBP 171.00
	50 mm	GBP 136.00	GBP 152.00	GBP 187.00

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000

Aluminium

Al



Foil

AL000648

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

Purity **99.0%**

Discs

Web Code
 012-074-159

Diameter	Quantity			
	10 discs	20 discs	50 discs	100 discs
33 mm	GBP 126.00	GBP 141.00	GBP 173.00	GBP 222.00

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

AL000647

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

Purity **99.0%**
 Condition **Polished on both sides**

Size

Web Code
 099-013-469
 554-037-150

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
50 x 50 mm	GBP 76.50	GBP 86.00	GBP 107.00	GBP 132.00	GBP 172.00
100 x 100 mm	GBP 97.50	GBP 116.00	GBP 156.00		

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

AL000651

Thickness **0.50mm**
 Temper **As rolled**

High Purity **99.999%**
 Condition **Polished on both sides**

Size

Web Code
 122-440-704
 929-002-022
 889-358-121

Size	Quantity			
	1pc	2pcs	5pcs	10pcs
25 x 25 mm	GBP 120.00	GBP 139.00	GBP 180.00	GBP 227.00
50 x 50 mm	GBP 155.00	GBP 188.00	GBP 258.00	
100 x 100 mm	GBP 224.00	GBP 285.00		

Discs

Web Code
 535-696-939

Diameter	Quantity					
	1 discs	2 discs	3 discs	5 discs	10 discs	20 discs
22 mm	GBP 169.00	GBP 186.00	GBP 200.00	GBP 224.00	GBP 267.00	GBP 327.00

Typical Analysis : Cu 0.3, Fe 0.3, Mg 1.2, Si 0.8.
 Very limited stock available.

AL000650

Thickness **0.50mm**
 Temper **As rolled**

High Purity **99.999%**

Size

Web Code
 177-971-350
 246-417-715
 802-216-433
 277-054-279
 431-346-903

Size	Quantity			
	1pc	2pcs	5pcs	10pcs
25 x 25 mm	GBP 92.00	GBP 106.00	GBP 137.00	GBP 171.00
50 x 50 mm	GBP 119.00	GBP 145.00	GBP 198.00	GBP 257.00
100 x 100 mm	GBP 173.00	GBP 221.00	GBP 319.00	
150 x 150 mm	GBP 228.00	GBP 298.00		
300 x 300 mm	GBP 432.00			

Discs

Web Code
 644-262-596
 532-824-377
 603-041-608
 380-212-063
 526-502-998
 812-863-081
 607-876-823

Diameter	Quantity		
	10 discs	20 discs	50 discs
4 mm	GBP 152.00	GBP 167.00	GBP 206.00
6 mm	GBP 159.00	GBP 177.00	GBP 222.00
8 mm	GBP 166.00	GBP 187.00	GBP 237.00
10 mm	GBP 173.00	GBP 197.00	GBP 253.00
15 mm	GBP 190.00	GBP 221.00	GBP 292.00
25 mm	GBP 225.00	GBP 270.00	GBP 370.00
50 mm	GBP 312.00	GBP 394.00	

Typical Analysis : Cu 0.3, Fe 0.3, Mg 1.2, Si 0.8.
 Remove possible surface impurities by immersion in aqueous HF 1% / HNO₃ 10% / HCl 20% by volume, 1-3 minutes at 60C.

AL000645

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

Purity **99.0%**

Size

Web Code
 678-345-583
 793-199-972
 149-990-130
 748-772-832

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
100 x 100 mm	GBP 63.50	GBP 68.50	GBP 78.50	GBP 91.50	GBP 114.00
150 x 150 mm	GBP 68.00	GBP 74.50	GBP 88.00	GBP 105.00	
300 x 300 mm	GBP 81.00	GBP 92.50	GBP 117.00		
500 x 500 mm	GBP 98.00	GBP 117.00			

Discs

Web Code
 596-611-199
 576-398-753
 049-847-575
 230-949-639
 868-701-557
 587-699-152
 462-388-122

Diameter	Quantity		
	10 discs	20 discs	50 discs
4 mm	GBP 119.00	GBP 130.00	GBP 155.00
6 mm	GBP 119.00	GBP 130.00	GBP 156.00
8 mm	GBP 120.00	GBP 131.00	GBP 157.00
10 mm	GBP 120.00	GBP 132.00	GBP 159.00
15 mm	GBP 122.00	GBP 134.00	GBP 162.00
25 mm	GBP 124.00	GBP 138.00	GBP 168.00
50 mm	GBP 131.00	GBP 147.00	GBP 183.00

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

Metal - Aluminium

Aluminium

Al



Foil

AL000680

Thickness **0.80mm**
 Temper **Half hard**

Purity **99.0%**

Size

Web Code

835-853-804
 305-936-843
 188-301-560
 373-716-743
 047-509-272

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	GBP 59.00	GBP 61.50	GBP 68.00	GBP 76.50	GBP 92.00
50 x 50 mm	GBP 62.50	GBP 67.00	GBP 76.00	GBP 88.50	GBP 109.00
100 x 100 mm	GBP 70.00	GBP 77.50	GBP 93.00	GBP 112.00	GBP 143.00
150 x 150 mm	GBP 78.00	GBP 88.00	GBP 110.00	GBP 136.00	
300 x 300 mm	GBP 100.00	GBP 120.00	GBP 172.00		

Discs

Web Code

975-882-326
 527-206-137
 454-812-602
 885-282-697
 711-823-796
 483-856-268
 313-460-524

Diameter	Quantity		
	10 discs	20 discs	50 discs
4 mm	GBP 119.00	GBP 131.00	GBP 155.00
6 mm	GBP 120.00	GBP 132.00	GBP 157.00
8 mm	GBP 121.00	GBP 133.00	GBP 159.00
10 mm	GBP 122.00	GBP 135.00	GBP 162.00
15 mm	GBP 125.00	GBP 138.00	GBP 167.00
25 mm	GBP 129.00	GBP 145.00	GBP 178.00
50 mm	GBP 141.00	GBP 162.00	GBP 205.00

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

AL000701

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

Purity **99.0%**

Discs

Web Code

819-333-412

Diameter	Quantity			
	10 discs	20 discs	50 discs	100 discs
33 mm	GBP 132.00	GBP 147.00	GBP 180.00	GBP 229.00

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

AL000690

Thickness **1.0mm**
 Temper **As rolled**

High Purity **99.999%**

Size

Web Code

984-603-005
 075-381-155
 422-643-896
 830-481-157
 763-279-598

Size	Quantity			
	1pc	2pcs	5pcs	10pcs
25 x 25 mm	GBP 96.50	GBP 113.00	GBP 149.00	GBP 191.00
50 x 50 mm	GBP 127.00	GBP 156.00	GBP 218.00	GBP 288.00
100 x 100 mm	GBP 189.00	GBP 243.00	GBP 356.00	
150 x 150 mm	GBP 250.00	GBP 330.00		
300 x 300 mm	GBP 525.00			

Discs

Web Code

203-035-361
 379-416-336
 427-037-699
 379-708-155
 463-515-710
 939-462-923
 432-863-406

Diameter	Quantity		
	10 discs	20 discs	50 discs
4 mm	GBP 162.00	GBP 187.00	GBP 255.00
6 mm	GBP 170.00	GBP 198.00	GBP 273.00
8 mm	GBP 178.00	GBP 209.00	GBP 291.00
10 mm	GBP 185.00	GBP 220.00	GBP 309.00
15 mm	GBP 205.00	GBP 248.00	GBP 353.00
25 mm	GBP 244.00	GBP 304.00	GBP 441.00
50 mm	GBP 343.00	GBP 445.00	

Typical Analysis : Cu 0.3, Fe 0.3, Mg 1.2, Si 0.8.

Remove possible surface impurities by immersion in aqueous HF 1% / HNO₃ 10% / HCl 20% by volume, 1-3 minutes at 60C.

AL000700

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

Purity **99.0%**

Size

Web Code

591-379-046
 922-386-885
 298-361-767
 295-217-845
 902-229-593

Size	Quantity				
	1pc	2pcs	5pcs	10pcs	20pcs
25 x 25 mm	GBP 57.50	GBP 59.50	GBP 65.00	GBP 72.50	GBP 86.00
50 x 50 mm	GBP 60.00	GBP 63.00	GBP 70.00	GBP 80.00	GBP 97.00
100 x 100 mm	GBP 65.00	GBP 70.00	GBP 81.00	GBP 95.50	GBP 119.00
150 x 150 mm	GBP 69.50	GBP 76.50	GBP 92.00	GBP 111.00	GBP 140.00
300 x 300 mm	GBP 84.00	GBP 97.50	GBP 124.00	GBP 158.00	GBP 261.00

Discs

Web Code

778-694-898
 336-861-851
 107-726-030
 465-760-539
 220-066-623
 508-330-092
 541-255-795

Diameter	Quantity		
	10 discs	20 discs	50 discs
4 mm	GBP 119.00	GBP 130.00	GBP 154.00
6 mm	GBP 119.00	GBP 131.00	GBP 155.00
8 mm	GBP 120.00	GBP 131.00	GBP 156.00
10 mm	GBP 121.00	GBP 132.00	GBP 158.00
15 mm	GBP 122.00	GBP 135.00	GBP 161.00
25 mm	GBP 125.00	GBP 139.00	GBP 168.00
50 mm	GBP 133.00	GBP 150.00	GBP 185.00

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

Metal – Aluminium

Aluminium

Al



Foil

AL000720

Thickness **1.5mm**
 Temper **As rolled**

High Purity **99.999%**

Size

Web Code

656-970-818
 121-362-498
 170-304-166
 288-019-867
 002-482-629

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
25 x 25 mm	GBP 111.00	GBP 134.00	GBP 182.00	GBP 237.00	
50 x 50 mm	GBP 156.00	GBP 198.00	GBP 283.00	GBP 380.00	
100 x 100 mm	GBP 247.00	GBP 326.00	GBP 486.00		
150 x 150 mm	GBP 338.00	GBP 454.00			
300 x 300 mm	POA				

Typical Analysis : Cu 0.3, Fe 0.3, Mg 1.2, Si 0.8.

Remove possible surface impurities by immersion in aqueous HF 1% / HNO₃ 10% / HCl 20% by volume, 1-3 minutes at 60C.

AL000730

Thickness **1.5mm**
 Temper **Half hard**

Purity **99.0%**

Size

Web Code

973-735-265
 697-185-177
 087-840-635
 724-459-670
 919-547-837

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
25 x 25 mm	GBP 58.00	GBP 60.00	GBP 65.50	GBP 73.50	GBP 87.50	
50 x 50 mm	GBP 60.50	GBP 64.00	GBP 72.00	GBP 82.00	GBP 100.00	
100 x 100 mm	GBP 66.00	GBP 72.00	GBP 84.00	GBP 100.00	GBP 125.00	
150 x 150 mm	GBP 72.00	GBP 80.00	GBP 96.50	GBP 117.00	GBP 150.00	
300 x 300 mm	GBP 88.50	GBP 103.00	GBP 134.00	GBP 187.00		

Discs

Web Code

471-432-568
 845-968-770
 572-697-952
 614-880-630
 114-474-898
 579-523-890
 907-130-008

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

		Quantity		
		10 discs	20 discs	50 discs
4 mm	GBP 119.00	GBP 130.00	GBP 154.00	
6 mm	GBP 120.00	GBP 131.00	GBP 156.00	
8 mm	GBP 120.00	GBP 132.00	GBP 157.00	
10 mm	GBP 121.00	GBP 133.00	GBP 159.00	
15 mm	GBP 123.00	GBP 135.00	GBP 163.00	
25 mm	GBP 126.00	GBP 140.00	GBP 171.00	
50 mm	GBP 135.00	GBP 153.00	GBP 190.00	

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

AL000731

Thickness **1.5mm**
 Temper **Half hard**

Purity **99.0%**

Condition **Polished on both sides**

Size

Web Code

455-707-087
 824-072-589
 844-014-230

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

		Quantity			
		1pc	2pcs	5pcs	10pcs
50 x 50 mm	GBP 99.50	GBP 112.00	GBP 140.00	GBP 178.00	
100 x 100 mm	GBP 120.00	GBP 141.00	GBP 186.00		
200 x 200 mm	GBP 161.00	GBP 199.00			

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

AL000760

Thickness **2.0mm**
 Temper **As rolled**

High Purity **99.999%**

Size

Web Code

078-596-278
 824-528-101
 066-014-854
 251-859-775
 482-469-253

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
25 x 25 mm	GBP 119.00	GBP 144.00	GBP 199.00	GBP 261.00	GBP 348.00	
50 x 50 mm	GBP 171.00	GBP 219.00	GBP 317.00	GBP 428.00		
100 x 100 mm	GBP 277.00	GBP 368.00	POA			
150 x 150 mm	GBP 383.00	GBP 519.00				
300 x 300 mm	POA					

Typical Analysis : Cu 0.3, Fe 0.3, Mg 1.2, Si 0.8.

Remove possible surface impurities by immersion in aqueous HF 1% / HNO₃ 10% / HCl 20% by volume, 1-3 minutes at 60C.

AL000761

Thickness **2.0mm**
 Temper **As rolled**

High Purity **99.999%**

Condition **Polished on both sides**

Size

Web Code

713-727-294

Size
 100 x 100 mm

		Quantity		
		1pc	2pcs	5pcs
100 x 100 mm	GBP 351.00	GBP 473.00	GBP 756.00	

Typical Analysis : Cu 0.3, Fe 0.3, Mg 1.2, Si 0.8.

Remove possible surface impurities by immersion in aqueous HF 1% / HNO₃ 10% / HCl 20% by volume, 1-3 minutes at 60C.

AL000750

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

Purity **99.0%**

Size

Web Code

408-079-863
 009-976-788
 247-092-939
 886-616-617
 827-075-106

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
25 x 25 mm	GBP 57.50	GBP 60.00	GBP 65.50	GBP 73.00	GBP 87.00	
50 x 50 mm	GBP 60.50	GBP 64.00	GBP 71.50	GBP 82.00	GBP 100.00	
100 x 100 mm	GBP 66.00	GBP 72.00	GBP 84.00	GBP 100.00	GBP 125.00	
150 x 150 mm	GBP 72.00	GBP 80.00	GBP 96.50	GBP 118.00	GBP 150.00	
300 x 300 mm	GBP 88.50	GBP 104.00	GBP 134.00	GBP 189.00		

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

Aluminium

Al



Foil

AL000770

Thickness **3.0mm**
 Temper **As rolled**

High Purity **99.999%**

Size	Quantity
Web Code 125-596-084	1pc POA
206-659-191	300 x 300 mm POA

Typical Analysis : Cu 0.3, Fe 0.3, Mg 1.2, Si 0.8.
 Remove possible surface impurities by immersion in aqueous HF 1% / HNO₃ 10% / HCl 20% by volume, 1-3 minutes at 60C.

AL000765

Thickness **3.0mm**
 Temper **Half hard**

Purity **99.0%**

Size	Quantity
Web Code 216-937-532	1pc GBP 75.50
848-610-293	150 x 150 mm GBP 85.00
853-418-653	300 x 300 mm GBP 105.00
410-642-297	500 x 500 mm GBP 130.00
	1000 x 1000 mm GBP 263.00

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

AL000775

Thickness **4.0mm**
 Temper **Half hard**

Purity **99.0%**

Size	Quantity
Web Code 005-449-571	1pc GBP 131.00
	300 x 300 mm GBP 185.00
	2pcs GBP 251.00
	3pcs GBP 251.00

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.
 Very limited stock available.

AL000782

Thickness **5.0mm**
 Temper **Half hard**

Purity **99.0%**

Size	Quantity
Web Code 958-158-513	1pc GBP 102.00
998-385-460	100 x 100 mm GBP 133.00
	300 x 300 mm POA
	2pcs GBP 133.00
	5pcs POA

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

AL000780

Thickness **5.0mm**
 Temper **As rolled**

High Purity **99.999%**

Size	Quantity
Web Code 585-770-243	1pc POA
699-503-917	102 x 102 mm POA
437-991-811	150 x 150 mm POA
	300 x 300 mm POA

Typical Analysis : Cu 0.3, Fe 0.3, Mg 1.2, Si 0.8.
 Remove possible surface impurities by immersion in aqueous HF 1% / HNO₃ 10% / HCl 20% by volume, 1-3 minutes at 60C.

AL000786

Thickness **6.0mm**
 Temper **Half hard**

Purity **99.0%**

Size	Quantity
Web Code 993-791-867	1pc GBP 106.00
043-944-159	100 x 100 mm GBP 144.00
	200 x 200 mm GBP 204.00

Typical Analysis : Cu < 1000, Fe < 7000, Mn < 1000, Si < 5000, Zn < 1000.

AL000785

Thickness **6.0mm**
 Temper **As rolled**

High Purity **99.999%**

Size	Quantity
Web Code 398-998-391	1pc POA
022-125-802	100 x 100 mm POA
286-389-735	150 x 150 mm POA
	300 x 300 mm POA

Typical Analysis : Cu 0.3, Fe 0.3, Mg 1.2, Si 0.8.
 Remove possible surface impurities by immersion in aqueous HF 1% / HNO₃ 10% / HCl 20% by volume, 1-3 minutes at 60C.

AL000789

Thickness **9.0mm**

High Purity **99.999%**

Size	Quantity
Web Code 355-105-870	1pc POA
	127 x 444 mm

Typical Analysis : Cu 0.3, Fe 0.3, Mg 1.2, Si 0.8.
 Remove possible surface impurities by immersion in aqueous HF 1% / HNO₃ 10% / HCl 20% by volume, 1-3 minutes at 60C.

Metal – Aluminium

Aluminium

Al



Foil

AL000790

Thickness **10.0mm**
 Temper **As rolled**

High Purity **99.999%**

Size

Web Code
 062-764-389
 845-549-835

Size
 150 x 150 mm
 300 x 300 mm

Quantity

1pc
 POA
 POA

Typical Analysis : Cu 0.3, Fe 0.3, Mg 1.2, Si 0.8.

Remove possible surface impurities by immersion in aqueous HF 1% / HNO₃ 10% / HCl 20% by volume, 1-3 minutes at 60C.

AL000792

Thickness **12.0mm**
 Temper **As rolled**

High Purity **99.999%**

Size

Web Code
 554-691-669

Size
 146 x 464 mm

Quantity

1pc
 POA

Typical Analysis : Cu 0.3, Fe 0.3, Mg 1.2, Si 0.8.

Remove possible surface impurities by immersion in aqueous HF 1% / HNO₃ 10% / HCl 20% by volume, 1-3 minutes at 60C.

AL000795

Thickness **15.0mm**
 Temper **As rolled**

High Purity **99.999%**

Size

Web Code
 885-099-542

Size
 200 x 200 mm

Quantity

1pc
 POA

Typical Analysis : Cu 0.3, Fe 0.3, Mg 1.2, Si 0.8.

Remove possible surface impurities by immersion in aqueous HF 1% / HNO₃ 10% / HCl 20% by volume, 1-3 minutes at 60C.

AL000798

Thickness **25.0mm**
 Temper **As rolled**

Purity **99.99%**

Size

Web Code
 270-752-696

Size
 200 x 200 mm

Quantity

1pc
 POA

Typical Analysis : Ca 1, Cu 10, Fe 30, Ga 3, Mg 20, Na 3, Si 20.

Remove possible surface impurities by immersion in aqueous HF 1% / HNO₃ 10% / HCl 20% by volume, 1-3 minutes at 60C.

Metal – Aluminium

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