

« Helping manufacturers across the globe achieve sustainable leaner manufacturing processes »»

Plated Products

CUT TO LENGTH
WIRE & COIL

Fast
Turnaround
Processing



Low Width
Thickness Ratio
3:1 unique to the
industry (normal
minimum is 8:1)

WIDE
STOCK
RANGE

Over
75 years
Experience



FM 02114



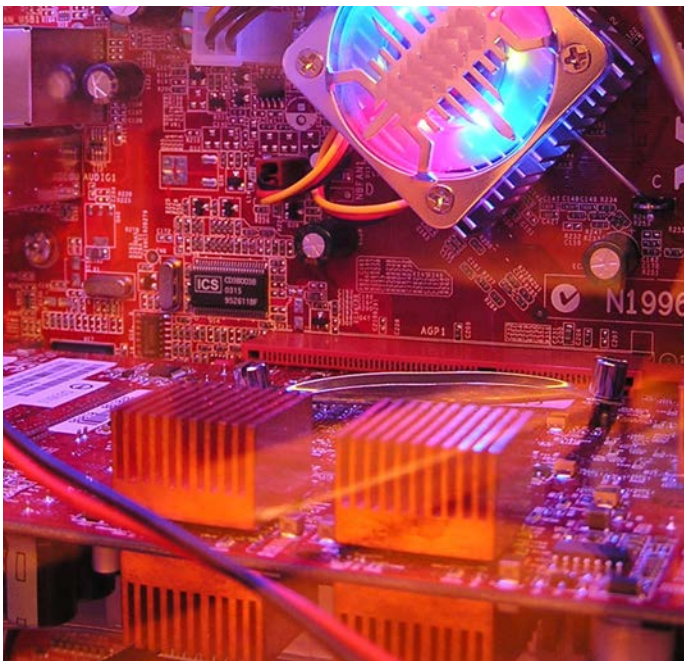
Plated Strip

Pre-plated strip is produced by applying a thin layer of material onto the surface of another; less costly metal, commonly mild and stainless steels. This can provide a decorative surface finish whilst reducing the cost of the material, making it ideal for a number of applications, including interior decorative features such as hand rails, light fittings, fireplaces, curtain poles and finials, jewelry design and automotive parts. There are further benefits including improving corrosion resistance, solderability, wearability, paint adhesion, infrared reflectivity, friction reduction and altering the conductivity, depending on the combination of materials chosen. Cost reduction has made plated products an increasingly popular choice.



We supply a range of plated products and finishes to suit your needs. Our most popular products are below, but others are available on request

Plating Material	Substrate Material	Finishes
Brass	Mild Steel	Bright, Satin/ Brushed & Antique
Nickel	Mild Steel	Bright, Satin/ Brushed & Mirror-black
Chrome	Mild Steel	Bright, Satin/ Brushed
Copper	Mild Steel	Bright
Chrome	Stainless Steel	Bright, Satin/ Brushed



Plated Strip Electrical Applications

There is a growing use of plated strip steel in electrical applications – driven by increasing metal prices of the traditional non-ferrous materials used by the electrical industry.

Typical applications include...

- Connectors
- Switchgear
- Circuit Breaker Arc Plates

Some of the benefits plated strip offers are...

- outstanding formability and shape
- best in class corrosion resistance
- excellent braze-ability/weld-ability, and post-plating properties
- cost reduction from a complete material change, or by avoiding post-plating
- lower environmental impact

A close-up photograph of several metal strips stacked on top of each other. The strips have a warm, golden-brown or copper-like patina, suggesting they are plated. The lighting is dramatic, highlighting the metallic texture and the edges of the strips. The background is dark and out of focus.

PLATED STRIP

**COST EFFECTIVE
SOLUTIONS
FOR SURFACE
PROTECTION
AND AESTHETIC
FINISHES**

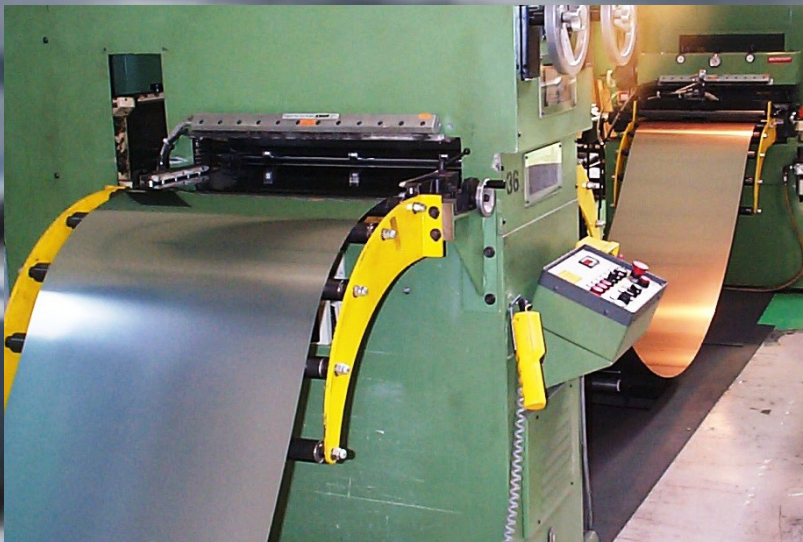


Processing

Your Material Your Way

The Knight Group are industry leaders in the supply and processing of strip, coil and wire, consistently exceeding expectations of quality, service and performance. With a number of accreditations, including BS EN ISO 9001 and AS 9120, we are the supplier of choice for global manufacturers where quality, reliability and lean manufacturing are at the heart of their priorities. Most manufacturers are facing increasing demands for goods to be delivered with tighter time frames and even tighter margins. By selecting the processing to meet your specific needs, your material can be prepared and delivered to the exact size, length and finish you need, saving valuable production time and costs. Our processing is offered at a comprehensive price and with a flexibility to select only the services you need and want, giving you maximum versatility and minimum cost.

We have invested heavily in our bespoke machinery and training our established team of operators, so that we can offer a truly comprehensive range of processing to complement our extensive range of stocked material



**8 Cut To Length Lines
5 Edge Finishing Lines
27 Recoiling Lines
26 Slitting Lines
4 Traverse Winding Lines**

**Low Width Thickness Ratio 3:1
unique to the industry (normal
minimum is 8:1)**

**Ability to offer Ultrafine Width
Tolerances down to
+/- 0.025mm (0.001")**

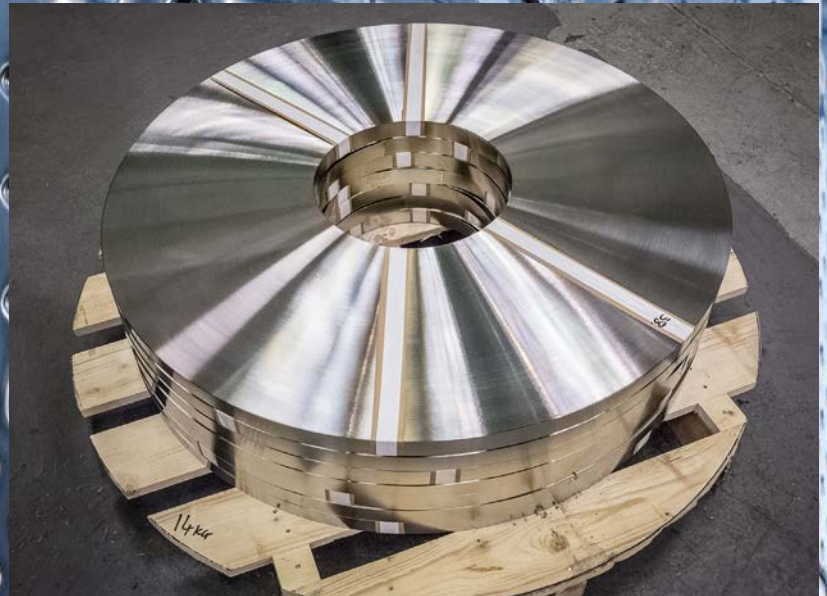
**Thicknesses -0.013mm to
6.5mm (0.0005" to 0.26")**

**Widths - 0.64mm to 1100mm
(0.025" to 43")**

Bespoke Packaging

If you need bespoke material sizes and processing, then you probably want bespoke packaging as well. Thanks to our in house packaging design team, we can offer bespoke packaging solutions to protect your materials in transit. Whatever processing and finishing options you have chosen, your products will be packaged to arrive safely and ready to use

You can choose to have strip material as pancake coils, traverse wound coil, flat blanks and sheets. Wire can be supplied as cut lengths, coils, formers or spools to suit your needs.



Choose From Our Trusted Partners Or Your Preferred Carrier

We firmly believe that all of our customers should be able to have your material, your way. Thanks to our global network of freight providers, you can choose from air, land or sea freight so you can have your material where you want, when you want.

There is also the option to arrange your own collection from our site in Birmingham, which can be organised through our sales team.



The information contained herein is given in good faith and is based on our present knowledge and experience. However, no liability will be accepted by The Knight Group and its subsidiaries in respect of any action taken by any third party in reliance thereon. Any advice given by the Company to any third party is given for that party's assistance only and without any liability on the part of the Company.

Any contract between the Company and a customer will be subject to the Company's Conditions of Sale. The extent of the Company's liabilities to any customer is clearly set out in those Conditions; a copy of which is available by request and can also be found at the back of this brochure and on our website.

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