

Hot-stamping foil and thermal transfer ribbon

Technology and consumables

Terms and designations

When our customers order film, foil or ribbon, they refer to the products in a wide variety of ways, such as

- Printing film
- Transfer ribbon
- Carbon ribbon
- Ribbon
- Thermal film
- Thermal transfer ribbon
- TTR
- TTF
- Stamping foil
- Heat stamping foil
- Hot-stamp foil

What the film, ribbon or foil is called is not important to us, because we will just ask for more details about what it is used for:

- What type of equipment will be using the film/ribbon?
- Which side of the ribbon is the pigment to be on?
- How wide and long should the roll be?
- What type of substrate will be printed on?
- How will the product be stored afterwards?
- What colour is preferred?

Industries

We deliver foils and ribbons to all industries and for all types of materials and products, so no matter whether you need to print on pallets, boxes, plastic, metal lids, cans, labels, stretch wrap, books or leather, we can find a foil or ribbon to meet your needs.

Our product range

We have more than 500 item numbers and we keep the vast majority of grades, colours, widths and lengths in stock at all times.

We buy some of the products already spooled, but we spool other products in the preferred dimensions. Our manufacturers are among the world leaders in the industry, and we also endeavour to have more than one make of comparable grades so we can keep our customers supplied at all times.

Another characteristic of our foil grades is that they minimise the wear on the equipment. Also, the foil we deliver comes in extra-long lengths so that replacing a roll does not cause the production process to be idle for longer than necessary.

Advice

Once you have selected the right foil for your task, the print will not fade and the ink will not easily rub off.

Naturally, we will advise you on which grade to choose to ensure that the print will withstand frost, moisture, high heat, UV radiation, chemicals or whatever your need might be.

Foil samples and proofs

We will gladly print proofs on your products so you can see the quality. You are also welcome to order a sample roll so you can test the quality yourself on your production line.

Certifications

Among our customers are food and pharmaceutical companies that have to comply with stringent documentation requirements, which is why we are happy to issue certificates for the foils we supply.

Heat-stamping foil and thermal transfer ribbon

Definitions, specifications and grades

Thermal transfer prints

The thermal transfer printer has one print head made up of a series of semiconductors which become hot and cold at lightning speed. This transfers ink from the thermal transfer ribbon to the stretch wrap, label or product to form a print.

Suitable for:

- permanent, variable, and merged texts
- date and time
- logos and other graphics
- Barcodes
- batch numbers

Grades

Resin

Made on the basis of resin, highly durable and resistant to heat, steam, water and chemicals.

This type of foil is suitable for printing on stretch wrap and shiny labels.

Often used for printing on medicines and pharmaceuticals or other products where the print needs to last a long time.

Wax/resin

Made out of a basic combination of wax and resin and is scratch-proof and wear-resistant.

This type of foil is suitable for printing on all types of paper labels and stretch wrap.

Wax

Made on the basis of wax and is less wear-resistant, but provides good print quality.

Often used for printing on daily commodities.

Colours and types

In addition to standard colours and customised special colours, we also have foils available in gold and silver.

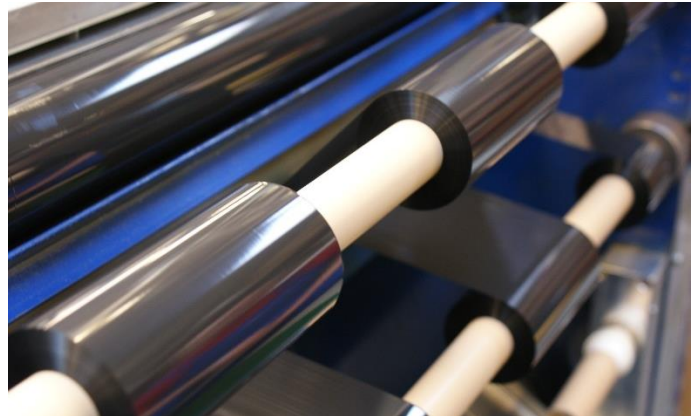
We also have foils with UV watermarks and other labelling DNAs to avoid forgeries.

Flat-head or near-edge technology

In brief, the difference between these two technologies is the way in which the print head comes in contact with the foil and the item being printed.

In flat-head printing, the print head lies flat against the foil and item, and the foil/item remain together for a short distance to the print head.

In near-edge printing, the print head is at a 45° angle, with the heating elements placed at the edge of the print head. This means that the foil and item are together only briefly, which increases the printing speed.



Hot stamping

Hot stamping uses both a printing block and type sorts. The printing block is heated and pressed against the product, label or stretch wrap, causing the foil to melt and create a print.

Suitable for:

- date and time
- batch numbers
- Logos, recycling labels and other graphics

Grades

Our stamping foils are non-toxic.

They are ideal for printing on stretch wrap, labels and boxes.

Our stamping foil customers include dairies, the meat-packing industry, food and stimulants industries, the pharmaceutical industry and the cosmetics industry.



Bonus information

We will be so bold as to highlight our wide-ranging experience in the area of foils and that we are thoroughly knowledgeable of what we're advising you about:

Each year the length of foil purchased by our customers could be wrapped around the world seven times and cover almost 2,500 football pitches.