TYPES OF TAPE

Types of tape and their features:

There are different types of tape.
Below an explanation of the most common ones.

PVC:

Best-selling tape with the most attractive and most printing options. This tape is suitable for various packaging purposes. You can roll off the tape easily, and stick it to almost any surface thanks to its strong adhesive layer. Long shelf life (approx. 1 year) if stored at room temperature. PVC tape is available in the standard colours white, brown and transparent, but also in yellow, red, green, blue, orange, fluorescent orange, black and white/white.

PVC tape can be printed in 1-5 PMS colours. Full colour and, if required, support colour printing are also possible. Full-bleed printing (diapositive/full surface to the edge), there is a risk of tearing. This customer bears this risk. We advise keeping the print 1.5 mm from the top and bottom of the tape. Ink odour can be released when unrolling.

PPA (Acrylic):

Environmentally friendly, inexpensive tape, suitable for storage in cold areas. PP Acrylic tape has a low initial adhesive strength. The longer the tape is secured, the better it attaches. The tape can be used between -15º C and 40º C and therefore remains firmly attached during temperature fluctuations. The basis of this tape is a PP film with an environmentally friendly acrylic adhesive layer underneath. The tape is low-noise when unrolling and has a limited shelf life. PP Acrylic tape is available in the standard colours of white, brown and transparent.

PP Acrylic tape can be printed in 1-5 PMS colours. The tape is printed with a corona treatment. Electric current burns off the top layer of the tape, creating a bond for the ink. Corona also provides the low-noise effect. The tape is not low-noise where the printing is.
We do not advise full-surface or diapositive prints because the print is damaged quickly (not durable) and because the print is not attractive due to the adhesive structure (fish eyes). Due to the large printing surface, the tape is also not low-noise.
Note: The printing comes off after approx. 6-8 months (transfer). This is because the pre-treatment (corona) will by then have worn off.

TYPES OF TAPE

PPH (Hotmelt):
This tape is very suitable for fasteners where fast bonding is required.
PP Hotmelt tape has a high initial adhesion due to the hotmelt adhesive layer.
The tape is not noise-reducing when unrolling and has a limited shelf life.
PP Hotmelt tape is available in the standard colours of white, brown and transparent.

PP Hotmelt tape can be printed in 1-5 PMS colours. In terms of printing, it has many of the same features as the PPA tape. Printing is not durable, we do not advise full surface and diapositive. Has a high initial adhesive strength (synthetic resin bonding). Rolls off easily. Ideally suited for box closing machines due to its easy unrolling and high initial adhesive strength. Is available (as the only tape) 1500 metre rolls.

PPR (Solvent):
PP Solvent tape has a long shelf life and can withstand large temperature differences. The tape has a lot of elasticity, low rolling resistance and the rubber solvent bonding has high adhesive power. PP Solvent makes a lot of noise when it is unrolled. Printed PP Solvent tape is virtually wear-resistant, making the tape very suitable for printing. Can be processed at very low, but also at very high temperatures. Suitable for all types of boxes and for bundling products. PP Solvent tape is available in the standard colours of white, brown and transparent.

PP Solvent tape can be printed in 1-5 PMS colours. Full colour and, if required, support colour printing are also possible. Full-bleed printing (diapositive/full surface to the edge), tear-resistant.

TYPES OF TAPE

Self-adhesive paper:
Paper-based packaging tape with natural rubber-based bonding.

• Suitable for fasteners where fast attachment is required
• Widths from 19 - 150 mm and lengths from 50 to 500 m
• Up to 3 colours printed starting at 108 rolls / 3 boxes
• Diapositive or all-over printed is possible
• Standard colours white and brown
• Does not roll out silently
• Fibre-reinforced or not
• Environmentally friendly
• Perishable

Gummed paper:
Gummed paper can be ordered in various types and sizes, both printed and unprinted.
There is an overview of the possibilities here:

Non-reinforced gummed paper
Weight: 60 to 100 g/m²
Width: 50 to 80 mm
Length: 50 to 1400 m or more

Nylon Reinforced gummed paper
This is gummed paper with a nylon reinforcement on the gummed side. These can be 2 to 5 longitudinal wires combined with a sine thread. The threads are between the adhesive layer.

Kraft paper
This is gummed paper with thread reinforcement both lengthwise and diagonally. The threads are between the paper and the adhesive layer.

All types of gummed paper can be printed with a maximum of 3 colours.

The possibilities of gummed paper are so diverse that we would love the opportunity to discuss these with you.

PRINTING
OPTIONS

4 different ways of printing on Tape

Tape can be printed in various ways.
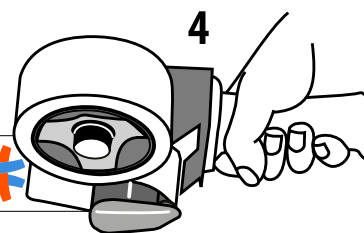The 4 different options are explained below.

Positive printing:

The majority of the tape is unprinted. The colour of the tape determines the surface colour. This method of printing is used the most.
The under colour is then often white, so that the printing is clearly visible.
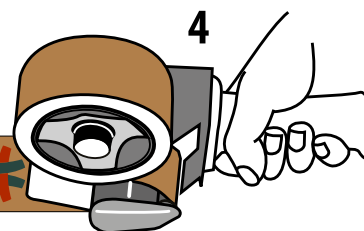
The three standard tape colours are: White, brown and transparent
For PVC tape, it is also possible to print on coloured tape. Coloured tape is available in the colours yellow, red, green, blue orange, fluorescent orange, black and white/white.
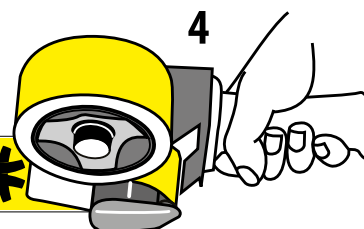
Positive printing on white tape,
2 colours: Orange PMS 021 and Blue PMS 279c

4

Positive printing on brown tape,
2 colours: Orange PMS 021 and Blue PMS 279c

4

Positive printing on yellow tape (without weld seam),
1 colour: Black

4

PRINTING OPTIONS

Diapositive printing:

With this type, the letters and/or logo are preserved and printed in a coloured or black background. On white tape, the letters are then white (tape colour) and the background coloured or black (ink colour).

The plate seam (weld seam) is visible here: this is created by repeating the plate. This is because the flat plate is placed around a cylinder. This creates a V-shape where the ends come together. The weld seam is the vertical unprinted white line that you see in the example

Diapositive printing on white tape (with weld seam),
2 colours: Orange PMS 021 and Blue PMS 279c

Note: With a diapositive printing on PVC tape, the background colour is not printed to the edge of the tape, but approx. 1.5 mm from the edge. This is done to ensure that no ink gets on the bottom of the tape, which can cause the tape to tear sooner. Full-bleed printing is possible, but that invalidates the warranty.

Coloured printing:

With this, the entire tape is first coloured with the desired background colour and the image is printed over it.
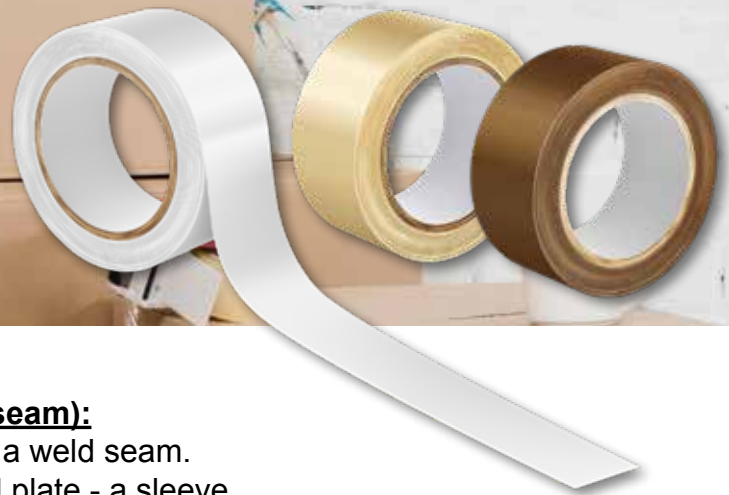
In this way, there is no chance of a weld seam because there is no interruption in the printing plate when colouring.

Coloured printing on white tape (without weld seam),
2 colours: Black and Blue PMS 279c

Note: With a diapositive printing on PVC tape, the background colour is not printed to the edge of the tape, but approx. 1.5 mm from the edge. This is done to ensure that no ink gets on the bottom of the tape, which can cause the tape to tear sooner. Full-bleed printing is possible, but that invalidates the warranty.

Diapositive printing with sleeve (without weld seam):
This is the same as a diapositive print, but without a weld seam.
This is made possible by using a completely round plate - a sleeve.

Advantage: no weld seam.
Disadvantage: higher plate costs.

Diapositive printing with sleeve on white tape (without weld seam),
2 colours: Orange PMS 021 and Blue PMS 279c

Note: With a sleeve printing on PVC tape, the background colour is not printed to the edge of the tape, but approx. 1.5 mm from the edge. This is done to ensure that no ink gets on the bottom of the tape, which can cause the tape to tear sooner. Full-bleed printing is possible, but that invalidates the warranty.

DELIVERY
SPECIFICATIONS

Delivery specifications

It is important to provide files in vectors (such as .eps and .ai). Due to the printing process and working with PMS colours, a logo in pixel format (such as .jpg, .png and .bmp) is not sufficient.

Illustrator version CC 2020 or lower

- File entirely formatted in vectors. Indication of used fonts.
- Supply imported / enclosed images separately.
- Colour code tape in PMS Coated.
- Colour code label in PMS Uncoated.

PDF

- Delivery in PDF is also possible, provided that this is made from a vector file.

If it concerns a full colour printing, there can of course be an image in pixel format. In this case, please bear the following delivery specifications in mind:

Photoshop version CC 2020 or lower

- Images as a tiff in CMYK
- Min. 300 Dpi at 50 mm height - No DCS files
- Raster at least at 10%

PLEASE NOTE!!

Logos in png, jpg and bmp can, if necessary, be copied, but extra drawing costs will be charged for this.