

Metamark MD-MX

Heat Transfer Flex for Textiles

METAMARK

The Materials Company

Product Description

MD-MX is a high quality heat transfer flex that has been developed for 'print and cut' use on solvent inkjet printers. It is suitable for promotional T shirts, sportswear and workwear. The high-quality polyurethane film has a matt, reflection-free surface laminated with a thermally activated adhesive. It can be applied to cotton and polyester / acrylic blend fabrics. It benefits from being highly flexible, and with its low tack self adhesive liner allows easier cutting and weeding.

Handling and Printing Guidelines

- Suitable for use on Solvent and Eco Solvent inkjet printers. Always perform a test print first.
- Ensure that the material has reached room temperature and a relative humidity of 50% before printing.
- Do not handle the face film directly and ensure it is free from dust and static.
- Allow 24 hours after printing before cutting, and before pressing. Failure to do so can cause the heat press to pre-cure the inks and will result in low abrasion resistance when washing.
- Ensure that the correct profile is used. Most profiles are available and can be downloaded from www.metamark.co.uk.
- Ensure that the correct heater settings are used.
- Not suitable for use on 100% Nylon or Polyester as the colour of the garment may bleed through.

Overlaminating and Application

- Print and cut the image, orientated the correct way round. Always perform a test first.
- Once weeded, apply MX application tape to lift the print. The product can be applied to the textile using a heat transfer press, applying pressure through the application tape.
- Press first for 2 seconds, remove the application tape, then covering the image with a silicone-release paper and pressing for 17 sec.

Specifications

Face Film	Polyurethane
Adhesive	Hot Melt
Thickness	100 micron
Liner	Self adhesive

Heat Press Settings

Temperature	155 – 165°C
Time	17 – 20 sec
Pressure	Medium

Washing and Care Instructions

- The product is machine washable 40°C. Test a sample print first as some printers can achieve lower abrasion resistance.
- Wash inside out. Use mild colour safe detergents.

Troubleshooting

- Edge Curling: Allow 24 hours before cutting, when cutting flush to the print. Use MX Application Tape to lift.
- Difficulty Weeding: Ensure material is cooled to room temperature before weeding.
- Difficulty lifting film: Lift graphics face down with MX tape.
- Weak colours on Roland Printers: Set Colour Management setting in RIP to 'Max Impact', on a MD5 profile.
- Poor abrasion resistance when washing: Allow 24 hours after printing and before pressing for inks to dry. Wash inside out.

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