

# Metamark MD-MX

Heat Transfer Flex for Textiles



## 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](http://www.metamark.co.uk).
- Ensure that the correct heater settings are used.
- Not suitable for use on Nylon.

## 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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