

Metamark MD-CR

Optically Clear Polyester Window Film



Product Description

Metamark MD-CR is a 50 micron clear polyester window film that offers optical clarity when applied to glass. The high performance permanent adhesive system allows wet application, and can be removed cleanly after 3-6 months. MD-CR is designed for permanent architectural graphics, manifestations, point of sale advertising and display use. It can be printed in reverse and applied to the inside of the glass. It is suitable for printing on Solvent and Eco Solvent printers. Not suitable for Latex or UV printers.

Features

- Optically clear printable film for window décor and branding.
- Exterior durability 2 years.
- Cleanly removable up to 3-6 months after application.
- For use with Solvent or Eco Solvent printers.

Face Film		Finishes		
Face Film	Polyester with ultra-clear acrylic top coating	Finishes Available	MD-CR	Optically Clear Gloss
Gauge	50 micron nominal	Roll Presentation		
Adhesive		Roll Widths	0.68m / 1.37m	
Type	Ultra-clear solvent based acrylic	Roll Lengths	25m	
Adhesion to glass 20 mins	13.2 N/25mm nominal	Durability		
Adhesion to glass 24 hour	15.3 N/25mm nominal	Shelf Life	Use within 1-year of receipt of the product (10-20°C and 50% R.H). Store rolls in original shipping carton	
Application temperature	+4°C to +40°C	External weathering	Up to 2-years vertical exposure. Refer to Metamark International durability guide.	
Service temperature	-40°C to +135°C	Fire Rating	Self-extinguishing.	
Light Transmission				
Visible Light transmission	91%			
UV Ray Transmission	74%			
Release Liner				
Type	Clear Polyester			

Printing and Handling

- Ensure that the material has reached room temperature 20°C - 30°C and a relative humidity of 50% before printing.
- Do not handle the face film directly and ensure it is free from dust and static.
- Suitable for use on Solvent and Eco Solvent inkjet printers. Not suitable for Latex or UV. Always perform a test print first.
- Set the pre heat to around 35°C and the dryer to around 50°C for printing Polyester.
- Ensure that the correct profiles are used. Most profiles are available for download from www.metamark.co.uk.
- To achieve the correct colour intensity when backlit, a double print pass set up (2 x overprint) is recommended, from within the RIP.
- For print and cut applications it is advisable to allow a border around the print. Cutting flush to the print may cause edge curl.
- The product does not become touch dry instantly. Avoid use of a take up roller and do not stack prints until fully cured.

Overlaminating and Application

- Allow the inks to cure before cutting flush or application, this is usually 24-48 hours - Solvents from the printing process may initially cause the film to soften and reduce the strength of the adhesive, resulting in edge curl and application issues.
- Suitable for wet application method.
- Take note of application temperature, and ensure glass is fully cleaned.
- Refer to www.metamark.co.uk for application guidelines.
- Not suitable for 'self-cleaning' glass.
- The user should determine suitability of substrate.

PVC Free

This product contains no plasticisers, phthalates or chlorine.

MetaSure® Warranty

Metamark (UK) Limited warrants to its customers that graphics produced using Metamark Media and Overlaminates will remain in good condition without excessive fading or colour degradation for the specified life time of the ink used, when correctly stored, printed and applied in accordance with procedures outlined in the technical literature. If within the specified years of normal use Metamark Media and Overlaminates becomes ineffective for its intended use, then Metamark will provide sufficient material to produce a new replacement marking, and will at its own discretion, contribute an allowance in additional material towards the costs involved in replacing the graphics. In all cases, the converter is held fully responsible for storing, processing and applying the unconverted materials in accordance with Metamark's technical specifications. Metamark (UK) Limited will not be liable for any indirect or consequential loss or damage, and will not provide any allowance against improper usage, application accident, negligence, chemical damage or improper repair. The above data is given in good faith to provide an indication of the performance of the product. Purchasers should consider the suitability of each product for its intended use and the purchaser assumes all risks in connection with such use. Seller shall not be liable for damages in excess of the purchase price of the product nor for incidental nor consequential loss.

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