

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 plus printers. Not suitable for u.v. printers.

Material Handling

- 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.

Printing Guidelines

- Suitable for use on Solvent and Eco Solvent inkjet printers. 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.
- For use on flat glass only. Not suitable for 'self cleaning' glass. The user should determine suitability of substrate. May be applied wet.
- Take note of application temperature, and ensure glass is fully cleaned.
- Refer to www.metamark.co.uk for application guidelines.

Face Film

Face Film:	Polyester with ultra-clear acrylic top coating.
Gauge:	50 micron nominal +/- 10%

Adhesive

Type	Ultra-clear solvent based acrylic
Adhesion to glass 20 mins	13.2 N/25mm nominal
Adhesion to glass 24 hour	15.3 N/25mm nominal
Application temperature	+4°C to +40°C
Service temperature	-40°C to +135°C

Release Liner

Type	Clear Polyester
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Finishes

Finishes Available	MD-CR	Optically Clear Gloss
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Roll Presentation

Roll sizes	610mm x 25m 1220mm x 25m
Presentation	Face film outwards, on a 76mm core.

Durability

Shelf Life	1 year
External weathering	2 years.
	This refers to the unprinted vinyl when installed. Refer to ink manufacturer for

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