

Product Description

Metamark MD-CR is a 50 micron clear polyester window film that offers an optically clear finish when applied to glass. The ultra-clear high performance adhesive system allows wet application. It is suitable for permanent graphics, and can be removed cleanly in the short term. For transparent window graphics the product offers greater clarity than a PVC or static self-cling, and can produce very high definition images. It is suitable for printing on solvent and eco solvent plus printers.

Typical Applications

MD-CR is suitable for application to glass for permanent architectural graphics, manifestations, as well as short term point of sale advertising and display use. It can be printed in reverse and applied to the inside of the glass.

Printing and Processing

Ensure the pre-heater is no greater than 35°C, the print head heater and post heater set around 45°C. This will avoid the inks embossing the film or inducing edge curl. Solvents from the printing process may initially cause the vinyl to soften and may initially reduce the strength of the adhesive, so after printing, leave 24 hours before applying the material and for the adhesive to regain full strength. To achieve the highest possible print quality please ensure that the correct profile is used. 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. For a comprehensive list of printers compatible with MD-CR Digital Vinyl refer to the website.

Face Film

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

Adhesive

Type: Ultra-clear high performance clear pressure sensitive acrylic
Gauge: 23 micron +/- 10%
Adhesion to glass 20 mins: 13.2 N/25mm nominal
Adhesion to glass 24 hour: 18.7 N/25mm nominal
Application temperature: +4°C to +60°C
Service temperature: -40°C to +80°C

Release Liner

Gauge: 38 micron
Type: Clear Polyester

Finishes

Finishes Available: MD-CR Clear Gloss

Roll Presentation

Roll sizes: 610mm x25m
1220mm x25m
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 durability of the finished product.

Warranty: Metamark (UK) Limited warrants to its customers that graphics produced using Metamark digitalvinyl 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 digitalvinyl 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.

Please Note: 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.