

Metamark MD-100R

Removable Calendered Digital Vinyl



Product Description

Metamark MD-100R is a removable grade calendered self-adhesive vinyl, ideal for temporary graphics, promotions and advertising onto flat surfaces. It features a 100 micron bright white film, offering brilliant colour reproduction on Solvent, Eco Solvent, Latex and UV inkjet printers. It is suitable for application to high energy surfaces such as steel and glass, and can be removed cleanly for up to 6 months after application.

Features & Benefits

- UK Manufactured
- Promotional outdoor print media
- Matched MetaGuard MG-100 Overlaminates
- MetaSure Warranty with 1 year durability
- Clear removable adhesive.
- For Solvent, Eco Solvent, Latex and UV printing.

Face Film		Finishes		
Face Film	Calendered Vinyl	Finishes Available	MD-100R	White Gloss
Gauge (ISO 2286-3)	100 micron nominal	Roll Presentation		
Tensile Strength	50N/15mm MD / 48N/15mm TD nom.	Roll Widths	1.37m / 1.52m	
Elongation at break	180% MD nominal	Roll Lengths	50m	
Adhesive		Durability		
Type	Removable clear solvent-free acrylic.	Shelf Life	1 years. (10-20°C and 50% R.H).	
Adhesion to glass 20 mins	5N/25mm nominal	External weathering	1 year (Unprinted). Removable up to 6 months. Northern European conditions, vertical. Refer to full Metamark International durability guide.	
Adhesion to glass 24 hour	8N/25mm nominal	Fire Rating	Class B - BS EN 13501-1:2018	
Application temperature	+10°C to +50°C	Chemical Resistance	Unprinted film resistant to mild acids, aliphatic solvents, salt and alkali, diesel, gasoline, paraffin, hydraulic oil, antifreeze.	
Service temperature	-20°C to +100°C	Regulations	REACH and RoHS Compliant.	
Release Liner				
Print	Plain			
Weight	140 gsm nominal			
Type	Clay coated kraft paper			

Printing and Handling

- Always perform a test print first. Ensure that the correct profiles and heater settings are used. Refer to www.metamark.co.uk.
- Ensure that the material has reached room temperature and a relative humidity of 50% before printing.
- Do not handle the face film, ensure free from dust and static.
- Overlamination is recommended to prevent abrasion, extends colour fastness, and also offers easier handling.
- The matched laminate for MD-100R is MetaGuard MG-100.

Application

- Allow a minimum of 24-48 hours for the solvents to dry off before application of the overlaminate, or to the substrate, depending on the print and drying conditions this can often be in excess of 48 hours. Retained solvents will reduce adhesion levels.
- Not recommended for use on low energy surfaces such as polypropylene.
- Suitable for dry application.
- The user should determine suitability of substrate.

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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