

# Metamark MD3-R

Removable Grade Digital Vinyl

**METAMARK**

The Materials Company

## Product Description

Metamark MD3-R is a removable grade monomeric calendered self-adhesive vinyl that provides excellent print performance on printers using solvent inks. It is ideal for temporary vehicle graphics, promotions and advertising. It is suitable for application to high energy surfaces such as steel and glass. Can be removed cleanly for up to 6 months after application

## Printing and Handling

- Suitable for use on Solvent and Eco Solvent inkjet printers. Always perform a test print first.
- Ensure that the correct profiles and heater settings are used. Most profiles are available for download from [www.metamark.co.uk](http://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 directly and ensure it is free from dust and static.

## Application

- Avoid cutting flush to the print, allowing a clear border is recommended.
- Apply unstressed. It is not suitable for application over rivets or into recesses.
- Apply using a dry application. This product has a low tack, waterbased adhesive.
- Not recommended for use on low energy surfaces such as polypropylene, embossed surfaces, emulsion walls or textured plastics.
- The user should determine suitability of substrate.
- Refer to [www.metamark.co.uk](http://www.metamark.co.uk) for application guidelines.

## Overlaminating

- Overlamination is recommended to prevent abrasion and to extend colour fastness.
- Allow the inks to cure before overlaminating, this is usually 24-48 hours.
- The matched laminate for MD3-R is MetaGuard 300. For all other laminates the user should determine suitability.

Face Film		Finishes		
Face Film	Monomeric calendered PVC	Finishes Available	MD3-R-200	White Gloss
Gauge	70 micron nominal	Roll Presentation		
Tensile Strength	50N/25mm MD / 48N/25mm TD nominal	Roll sizes and net weights	760mm x 50m	11kg
Elongation at break	180% MD nominal		1370mm x 50m	20kg
Adhesive			1520mm x 50m	22kg
Type	Removable clear solvent-free acrylic.	Presentation	Face film outwards, on a 76mm core.	
Weight	12gsm nominal	Durability		
Adhesion to glass 20 mins	5N/25mm nominal	Shelf Life	1 year	
Adhesion to glass 24 hour	8N/25mm nominal	External weathering	1 year. Removable up to 6 months.	
Perceived tack	Medium		This refers to the unprinted vinyl when installed. Refer to ink manufacturer for durability of the finished product.	
Application temperature	+10°C to +60°C	Fire Rating	Class B. BS EN 13501-1:2007	
Service temperature	-30°C to +110°C	Chemical Resistance	The unprinted film is resistant to mineral oils, fats and fuels, aliphatic solvents, mild acids, salt and alkali for e.g. diesel oil, gasoline, paraffin, hydraulic oil, antifreeze, soap suds, etc.	
Release Liner				
Print	Unprinted			
Weight	140 gsm nominal			
Type	Layflat kraft with PE coating			

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

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