

Product Description

Metamark MD-P has a 100 micron film to offer more rigidity when performing print and cut work such as labels. It also offers easier application of larger displays onto flat panels, and is therefore suitable for promotional prints, that can be easily applied. Suitable for print and cut labels, and larger flat panel prints.

Handling and Printing Guidelines

- 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.
- Suitable for use on Solvent, Eco Solvent, UV and Latex 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.

Overlaminating

- Overlaminating 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 MDP is MetaGuard 305 or 302. For all other laminates the user should determine suitability.

Application

- Allow the inks to cure before cutting or overlaminating, usually 24-48 hours. Perform cut path as separate operation to avoid edge curl.
- Not recommended for use on low energy surfaces. The user should determine suitability of substrate, refer to the web site.
- Refer to www.metamark.co.uk for application guidelines.

Face Film

Face Film:	Monomeric calendered PVC
Gauge:	100 micron nominal
Tensile Strength	60N/25mm MD / 52N/25mm TD nom.
Elongation at break	180% MD nominal

Adhesive

Type	Permanent solvent-based acrylic
Weight	18gsm nominal
Adhesion to glass 20 mins	10N/25mm nominal
Adhesion to glass 24 hour	20N/25mm nominal
Perceived tack	Medium
Application temperature	+5°C to +60°C
Service temperature	-30°C to +110°C

Release Liner

Weight	140 gsm nominal
Type	Layflat kraft paper with PE coating

Finishes

Finishes Available	MD-P-200	White Gloss
	MD-P-301M	White Matt

Roll Presentation

Roll sizes and net weights	760mm x 50m (Gloss Only)	11kg
	1370mm x 50m	20kg
	1520mm x 50m (Gloss Only)	22kg
Presentation	Face film outwards, on a 76mm core.	

Durability

Shelf Life	1 year
Fire Rating	Self-extinguishing. The fire rating is a function of the substrate.
External weathering	4 years. *This refers to the unprinted vinyl when installed. Refer to ink manufacturer for durability of the finished product.
Chemical Resistance	Unprinted film resistant to mineral oils, fats and fuels, aliphatic solvents, mild acids, salt and alkali, eg. diesel oil, gasoline, paraffin, hydraulic oil, antifreeze.
Regulations	REACH and RoHS compliant

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.

Metamark (UK) Limited

○ Luneside • New Quay Road • Lancaster • LA1 5QP • Tel +44 (0)1524 387140 • Fax +44 (0)1524 387147

○ Metamark House • Octimum Business Park • Forsyth Road • Woking • GU21 5SF • Tel +44 (0)1483 571111 • Fax +44 (0)1483 570540

sales@metamark.co.uk
www.metamark.co.uk