

# Metamark MD3-AB

Intermediate Grade Digital Vinyl with Grey MetaScape® Adhesive



## Product Description

Metamark MD3-AB features the MetaScape® adhesive system, offering faster and easier application by providing air with an exit route from under the graphic, with greater repositioning during application. This is combined with a grey pigmented solvent-based adhesive to provide increased opacity and preventing the substrate colour showing through. Metamark's 70 micron white face film with its distinctive coating technology produces outstanding print performance. UK Manufactured.

## Features & Benefits

- 5 year durability and MetaSure Warranty.
- Solvent adhesive and PE Liner.
- Matched MetaGuard MG-300 Overlaminates.
- MetaStream Ready™ – can be recycled in our closed loop recycling scheme.
- Highly versatile print media.
- For Solvent, Eco Solvent, Latex and UV printing.

Face Film		Finishes	
Face Film	Calendered Vinyl	Finishes Available	MD3-AB      White Gloss
Gauge (ISO 2286-3)	70 micron nominal	<b>Roll Presentation</b>	
Tensile Strength	50N/25mm MD / 48N/25mm TD nom.	Roll Widths	0.76m / 1.37m / 1.52m / 1.60m
Elongation at break	180% MD nominal	Roll Lengths	50m / 25m
Adhesive		Durability	
Type	MetaScape® permanent grey solvent-based acrylic with air channels.	Shelf Life	1 years. (10-20°C and 50% R.H).
Adhesion to glass 20 mins	10N/25mm nominal	External weathering	5 years (Unprinted). Northern European conditions, vertical. Refer to full Metamark International durability guide.
Adhesion to glass 24 hour	20N/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	-30°C to +110°C	Regulations	REACH and RoHS Compliant.
Release Liner			
Print	'MetaScape' print		
Weight	135 gsm nominal		
Type	Structured layflat kraft paper with PE coating		

## 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](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, ensure free from dust and static.
- Overlamination is recommended to prevent abrasion, extends colour fastness, and also offers easier handling.
- The matched laminate for MD3-AB is MetaGuard MG-300 Series.

## 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.
- The user should determine suitability of substrate.
- Not recommended for use on low energy surfaces such as polypropylene.
- Suitable for dry application only.



MetaStream Ready™

Film and Liner may be recycled in our closed loop recycling scheme.



## 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.

## Metamark (UK) Limited

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