

# 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™.
- 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.



## 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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