

Metamark MD5A-B

High Performance Digital Vinyl with Grey 'MetaScape' Adhesive



Product Description

Metamark MD5A-B 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 high performance 70 micron white face film with its distinctive coating technology produces outstanding print performance on Solvent, Eco Solvent, UV and Latex printers.

Printing and Handling

- Suitable for use on Solvent, Eco Solvent, Latex and U.V. 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.
- 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

- Allow the inks to cure before cutting flush to the print. This is usually 24-48 hours.
- Apply unstressed, in particular to curves and recesses. It is not suitable for application over rivets or complex recesses.
- Suitable for dry application only.
- Not recommended for use on low energy surfaces such as polypropylene. The user should determine suitability of substrate.

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 MD5A-B is MetaGuard 700. For all other laminates the user should determine suitability.

Face Film		Finishes		
Face Film	Polymeric calendered PVC	Finishes Available	MD5A-B	White Gloss
Gauge	70 micron nominal	Roll Presentation		
Tensile Strength	47N/25mm MD / 43N/25mm TD nom.	Roll sizes and net weights	760mm x 50m	11kg
Elongation at break	180% MD nominal		1370mm x 50m	20kg
			1600mm x 50m	23kg
Adhesive		Durability		
Type	'MetaScape' permanent grey solvent-based acrylic with air channels.	Shelf Life	2 years	
Weight	22gsm nominal	External weathering	7 years. This refers to the unprinted vinyl. Refer to ink manufacturer for durability of the finished product.	
Adhesion to glass 20 mins	15N/25mm nominal	Fire Rating	Class B. BS EN 13501-1:2007	
Adhesion to glass 24 hour	20N/25mm nominal	Dimensional Stability	<0.3mm (48h at 70°C on aluminium)	
Perceived tack	Medium	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, soap suds, etc.	
Application temperature	+5°C to +60°C	Regulations	REACH and RoHS compliant	
Service temperature	-30°C to +110°C			
Release Liner				
Print	'MetaScape' print			
Weight	140 gsm nominal			
Type	Structured Layflat kraft paper with PE coating			

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