

Metamark MD-RA

Removable Calendered Digital Vinyl with 'MetaScape' Adhesive



Product Description

Metamark MD-RA features the 'MetaScape' adhesive system, offering ease of application by providing air with an exit route from under the graphic, making for faster, trouble-free application. With its 100 micron monomeric calendered film MD-RA is ideal for dry apply, short term promotions, POS displays, Exhibitions and Vehicle graphics. Suitable for printing with Solvent, Eco Solvent, Latex and UV inks.

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.

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 MD-RA is MetaGuard 300. For all other laminates the user should determine suitability.

Application

- Allow the inks to cure before cutting flush to the print, this is usually 24-48 hours.
- Apply to flat surfaces or simple curves. Apply unstressed. Not suitable for application over rivets or into deep recesses.
- Not recommended for use on low energy surfaces such as polypropylene. The user should determine suitability of substrate.
- Refer to www.metamark.co.uk for application guidelines.

Face Film

Face Film:	Monomeric Calendered PVC
Gauge:	100 micron nominal
Tensile Strength	50N/25mm MD / 48N/25mm TD nom.
Elongation at break	180% MD nominal

Adhesive

Type	'MetaScape' removable solvent-based acrylic with air channels. 12 gsm nominal
Adhesion to glass 20 mins	4N/25mm nominal
Adhesion to glass 24 hour	6N/25mm nominal
Perceived tack	Low
Application temperature	+5°C to +60°C
Service temperature	-5°C to +100°C

Release Liner

Print	'MetaScape' purple print
Weight	140 gsm nominal
Type	Structured layflat kraft paper with PE coating

Finishes

Finishes Available	MD-RA	White Matt
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Roll Presentation

Roll sizes and net weights	760mm x 50m	10kg
	1520mm x 50m	24kg
Presentation	Face film outwards, on a 76mm core.	

Durability

Shelf Life	1 year
External weathering	Removable up to 6 months. This refers to the unprinted vinyl. Refer to ink manufacturer for durability of the finished product.
Fire Rating	Self-extinguishing. The fire rating is a function of the substrate.
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

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