Metamark MD-RA

Removable Calendered Digital Vinyl with MetaScape® Adhesive

wensco
800.253.1569 | wensco.com

METAMARK
The Materials Company

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.

Features & Benefits

- Removable digital print media .
- For window graphics, retail, promotional and décor.
- Matched MetaGuard MG-300 Overlaminates.
- MetaScape® Adhesives System allowing ease of application.
- For Solvent, Eco Solvent, Latex and UV printing.

Face Film

Face Film	Monomeric Calendered Vinyl
Gauge (ISO 2286-3)	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.
Adhesion to glass 20 mins	4N/25mm nominal
Adhesion to glass 24 hour	6N/25mm nominal
Application temperature	+10°C to +50°C
Service temperature	-30°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

Roll Presentation

Roll Widths	1.37m / 1.52m
Roll Lengths	50m

Durability

Shelf Life	1 years. (10-20°C and 50% R.H).
External weathering	Removable upto 6 months. Northern European conditions, vertical. Refer to full Metamark International durability guide.
Fire Rating	Self-extinguishing. The fire rating is a function of the substrate.
Chemical Resistance	Unprinted film resistant to mild acids, aliphatic solvents, salt and alkali, diesel, gasoline, paraffin, hydraulic oil, antifreeze.
Regulations	REACH and RoHS Compliant.

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.
- 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 MD-RA 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 recycling scheme.

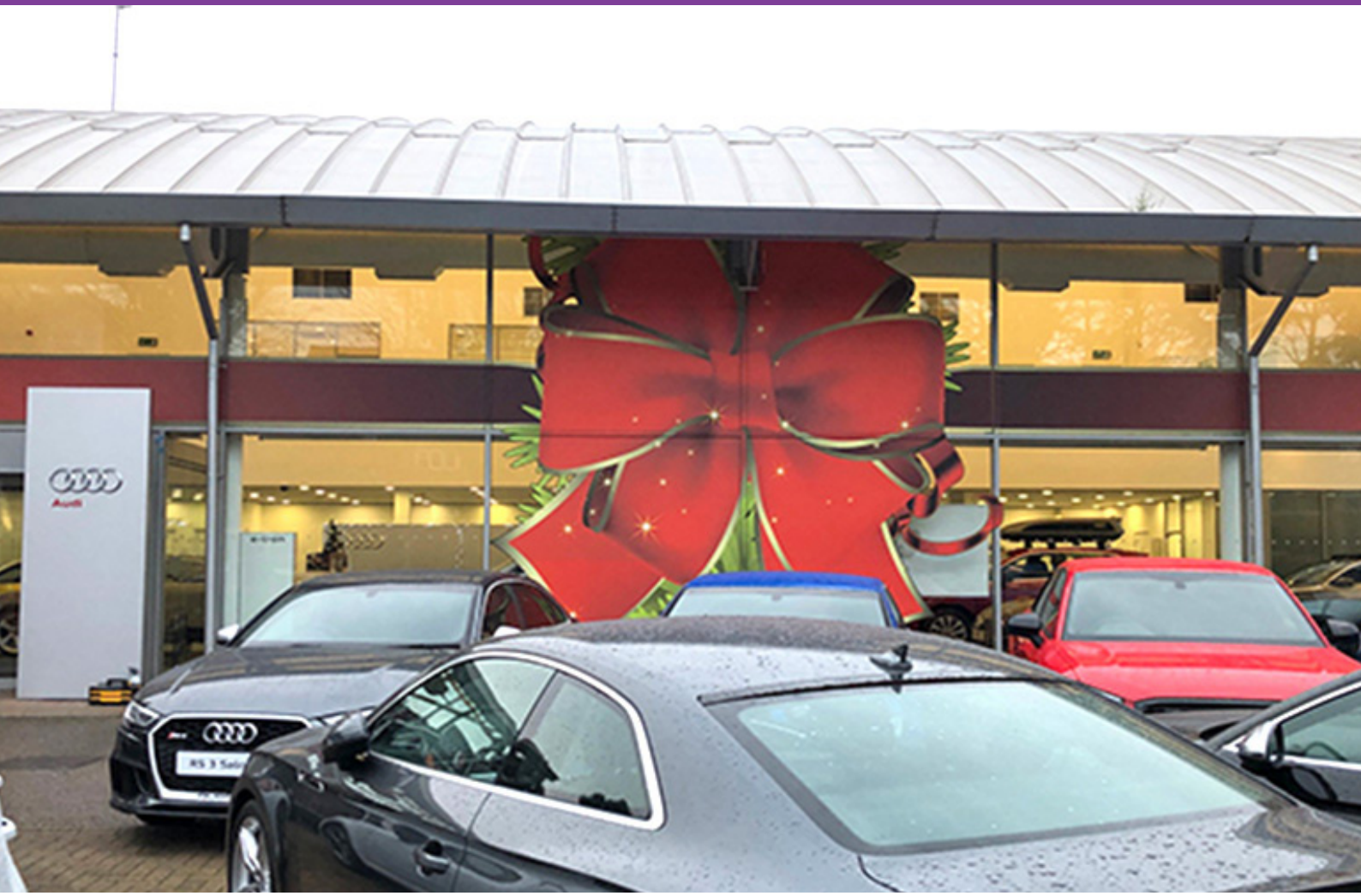
MetaSure® Warranty

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

Luneside • New Quay Road • Lancaster • LA1 5QP • Tel +44 (0)1524 387140
Metamark House • Genesis Business Park • Albert Drive • Woking • GU21 5RW • Tel +44 (0)1483 571111

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



Metamark MD-RA

Removable Promotional Grade Digital Vinyl

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, the Metamark MD-RA is ideal for dry apply, short term promotions, POS displays, Exhibitions and Vehicle graphics.

Performance you can trust

METAMARK
The Materials Company

Metamark MD-RA

Removable Promotional Grade Digital Vinyl

Application Examples

See our Metamark MD-RA in action!

Specifications

Metamark MD-RA

Face Film	100 Micron Monomeric Calendered PVC
Adhesive	MetaScape® Removable Solvent-Based Acrylic with air channels
Liner	140gsm Layflat PE Kraft Liner
Durability	Removable up to 6 months[1]. Shelf life 1 year
Fire Rating	Self-Extinguishing
Printing	Solvent / Eco-Solvent / Latex / UV inks
Regulations	REACH & RoHS Compliant
Finishes	White Matt
Roll Widths	760mm / 1520mm
Roll Lengths	50m

For full product information, application guides and technical support, visit www.metamark.co.uk.

MetaStream Ready™
Film and Liner may be recycled in our recycling scheme.

For all pricing and sales enquiries contact us at:
UK: 0345 345 5645 • International: +44 (0)1524 387132
UK Email: sales@metamark.co.uk
International Email: internationalorders@metamark.co.uk

Metamark (UK) Limited
Metamark House, Genesis Business Park, Woking, GU21 5RW
Luneside, New Quay Road, Lancaster, LA1 5QP

[1]Zone 1 - for other regions and climates in regards to material external weathering, please refer to our full Durability Guide found on our website. All information stated is correct at time of creation.

METAMARK
The Materials Company