

MetaWrap MDX

Cylinder Cast Digital Wrapping Media with Blockout MetaScope System



Product Description

MetaWrap™ MD-X is a 50 micron ultra-conformable, extensible digital wrapping media, supplied with the MetaScope® air release adhesive system to allow quick and easy application on compound curves as well as moderate recesses. The soft film has been developed to flow and conform over the most challenging surfaces so it's ideal for total vehicle wraps. The grey blockout adhesive ensures vibrant graphics and minimal substrate show through. The film offers high levels of dimensional stability and brilliant colour reproduction on Solvent, Eco Solvent and Latex printers.

Features & Benefits

- Cylinder Cast Film for 3D wraps, channels & recesses.
- MetaScope® air release adhesive.
- For Solvent, Eco Solvent, Latex and UV printing.
- Matched MetaGuard MGX Overlamine.
- MetaStream Ready™.
- MD Series for best in class print quality & wide colour gamut.
- Engineered to give long term dimensional stability.

Face Film		Finishes	
Face Film	Cylinder Cast Vinyl	Finishes Available	MD-X-100 White Gloss
Gauge (ISO 2286-3)	50 micron nominal		MD-X-105 Clear Gloss (Not Metascope®)
Elongation at break	180% MD nominal		
Adhesive		Roll Presentation	
Type	MetaScope® Permanent Grey Solvent-Based Adhesive.	Roll Widths	0.76m / 1.37m / 1.60m
Adhesion to glass 20 mins	15N/25mm nominal	Roll Lengths	50m / 25m
Adhesion to glass 24 hour	20N/25mm nominal		
Application temperature	+10°C to +40°C	Durability	
Service temperature	-30°C to +110°C	Shelf Life	2 years. (10-20°C and 50% R.H).
Release Liner		External weathering	7 years (Unprinted). Northern European conditions, vertical. Refer to full Metamark International durability guide.
Print	MetaScope print	Fire Rating	Self-extinguishing.
Weight	140 gsm nominal	Chemical Resistance	Unprinted film resistant to mild acids, aliphatic solvents, salt and alkali, diesel, gasoline, paraffin, hydraulic oil, antifreeze.
Type	Structured layflat Kraft with PE Coating		

Printing and Handling

- For use with Solvent, Eco-Solvent, UV and Latex inkjet printers.
- 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.
- Allow the inks to cure before overlaminating, Allow a minimum of 48 hours for the solvents to out-gas before overlaminating and before application to the vehicle. Solid, saturated dark colours can require in excess of 48 hours.
- The matched laminate for MDX is MetaGuard MGX.

Application

- Allow a minimum of 48 hours for the solvents to out-gas before overlaminating and before application to the vehicle. Retained solvents, drying conditions and colour saturation can significantly reduce adhesion. Solid, saturated dark colours can require in excess of 48 hours.
- Successful vehicle wrap application requires the necessary techniques. Refer to www.metamark.co.uk for application guidelines.
- The product is designed to be used with a dry application, apply 65-75°C heat to soften the film and allow conformability and after application superheat the film into recesses at 100-105°C. Do not overstretch as this will cause the application to fail.
- The user should determine suitability of substrate



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.

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