MetaWrap MDX

Cylinder Cast Digital Wrapping Media with Blockout 'MetaScape' System

Product Description

MetaWrap MD-X is a 50 micron ultra-conformable, extensible digital wrapping media, supplied with the MetaScape 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

- Cylinder Cast Film for 3D wraps, channels & recesses.
- MetaScape air release adhesive.
- For Solvent, Eco Solvent, Latex and UV printing.
- Matched MetaGuard MGX Overlaminate.

Benefits

- 7 year durability and MetaSure Warranty.
- MD Series for best in class print quality & wide colour gamut.
- Engineered to give long term dimensional stability.

Face Film

Face Film	Cylinder Cast Vinyl
Gauge (ISO 2286-3)	50 micron nominal
Elongation at break	180% MD nominal

Adhesive

Type	'MetaScape' permanent Grey Solvent-Based Adhesive.
Adhesion to glass 20 mins	15N/25mm nominal
Adhesion to glass 24 hour	20N/25mm nominal
Application temperature	+10°C to +40°C
Service temperature	-30°C to +110°C

Release Liner

Print	'MetaScape' print
Weight	140 gsm nominal
Type	Structured layflat Kraft with PE Coating

Finishes

Finishes Available	MD-X-100	White Gloss
	MD-X-105	Clear Gloss (Not Metascape)

Roll Presentation

Roll Widths	0.76m / 1.37m / 1.60m
Roll Lengths	50m / 25m

Durability

Shelf Life	2 years. (10-20°C and 50% R.H).
External weathering	7 years (Unprinted). Northern European conditions, vertical. Refer to full Metamark International durability guide.
Fire Rating	Self-extinguishing.
Chemical Resistance	Unprinted film resistant to mild acids, aliphatic solvents, salt and alkali, diesel, gasoline, paraffin, hydraulic oil, antifreeze.

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

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.