

MetaGuard MGX

Cylinder Cast Digital Wrapping Overlamine (Matched with MDX)



Product Description

MetaGuard X is a 50 micron Cylinder Cast soft PVC Overlamine. Matched to Metamark MD-X digital wrapping media, this system provides assurance of dimensional stability and trouble free application over 3D surfaces, compound curves and recesses. The Apex assured solventbased adhesive delivers high performance, and is suitable for cold overlamination. Finishing prints with MetaGuard X prevents abrasion, extends colour fastness, and also allows offers easier application.

Features

- UK Manufactured.
- 50 micron film.
- Matched to MetaWrap™ MDX Print films.

Benefits

- 7 year durability and MetaSure Warranty.
- For use on Solvent, Eco-Solvent and Latex Prints.
- Engineered to give long term dimensional stability and provide durability to the print.

Face Film

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

Adhesive

Type	Permanent clear pressure sensitive solvent-based acrylic with UV inhibitors
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	Metamark print
Weight	140 gsm nominal
Type	Solventless Kraft

Finishes

Finishes Available	MG-X-005	Gloss
	MG-X-002	Matt

Roll Presentation

Roll Widths	0.76 / 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.

Handling and Application

- This product is suitable for cold lamination using a laminator.
- 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.
- Allow the inks to cure before overlaminating, this is usually 24-48 hours. (Not applicable to HP Latex prints)
- Suitable for use on Solvent, UV and Latex prints.
- The product is matched to MetaWrap™. Matched laminates prevent tunnelling and delamination.
- Apply around 30°C on the top roller to prevent silvering of the adhesive.
- Refer to www.metamark.co.uk for further application guidelines.
- The user should determine suitability of the overlamine to the print media.

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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