

MetaGuard 403

Lexan® Polycarbonate Overlaminates



Product Description

MetaGuard 400 is a 75 micron Lexan® polycarbonate overlaminates that provides a matched system when used with Metamark 'Pop Up' Display Polyester. The semi rigid film has a satin crystal effect finish to diffuse overhead lighting, a polyester liner and crystal clear adhesive to provide added vibrancy to the print.

Features & Benefits

- Suitable for indoor use only.
- For use on Solvent and Eco Solvent prints.
- PVC, Phthalate and Chlorine Free.
- Satin Crystal Effect Finish for vibrant results.

Face Film

Face Film	Lexan® Polycarbonate
Gauge	75 micron nominal

Adhesive

Type	Permanent 'water clear' pressure sensitive solvent acrylic.
Adhesion at 20 mins	15N / 25 mm
Adhesion at 72 hours	17N / 25mm
Application temperature	+ 4°C Minimum
Service temperature	- 46°C to + 135°C

Release Liner

Print	Unprinted (Clear)
Type	Clear siliconised polyester

Finishes

Finishes Available	MG-403	Satin Crystal
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Roll Presentation

Roll Widths	0.91m / 1.27m
Roll Lengths	20m
Presentation	Laminate outwards, on a 0.76m

Durability

Shelf Life	2 years. (10-20°C and 50% R.H).
External weathering	Indoor use only. This refers to the overlaminates and not the protection that it gives the printed image.
Regulations	REACH Compliant.

Handling and Application

- This product is suitable for cold lamination using a laminator. Apply around 30°C on the top roller to prevent silvering of the adhesive.
- 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 (darker colours can be longer). Failure to do so can cause delamination, tunnelling and shrinkage.
- The product is matched to Metamark MD-PU. Do not roll tighter than 200mm dia. Matched laminates prevent tunnelling and delamination.
- Refer to www.metamark.co.uk for application guidelines.



This product contains no plasticisers, phthalates or chlorine.

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

- Lunsdale • New Quay Road • Lancaster • LA1 5QP • Tel +44 (0)1524 387132
- Metamark House • Genesis Business Park • Albert Drive • Woking • GU21 5RW • Tel +44 (0)1483 571111

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