

Product Description

MetaGuard 400 is a 75 micron Lexan® polycarbonate overlamine 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, and a polyester liner and crystal clear adhesive to provide added vibrancy to the print.

Typical Applications

This product enhances the appearance of the print as well as providing excellent scuff resistance and additional rigidity to flexible display panels. The 'water clear' solvent-based adhesive and smooth polypropylene liner give maximum deep clarity and colour vibrancy to the print. The product is matched to the Metamark Pop Up Polyester. It is also suitable for product labelling.

Material Processing and Handling

This product is suitable for cold lamination, using a laminator, with a maximum of 30°C on the top roller to avoid silvering. It can also be wet applied over a solvent inkjet print. Allow 24 hours after printing the media and before laminating. Roll the prints facing outwards and not tighter than to 10" (250mm) diameter.

Face Film

Face Film	Lexan® Polycarbonate
Finish	Satin crystal
Gauge	75 micron

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)
Thickness	25 micron
Type	Clear siliconised polyester

Finishes

Finish Available	MG-402	Satin Crystal
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Roll Presentation

Roll sizes	914mm x 10m 914mm x 20m
Presentation	Laminate outwards, on a 76mm core.

Durability

Shelf Life	2 years
External weathering	Internal use.

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Warranty: Metamark (UK) Limited warrants to its customers that graphics produced using Metamark Metaguard 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 Metaguard 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.

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