

MetaGuard 850

Anti Graffiti PVDF Overlaminates



Product Description

MetaGuard 850 is a 50 micron clear gloss PVDF self-adhesive overlaminate that provides maximum protection against graffiti and chemicals. Graffiti can be cleaned away without any damage to the film. The product offers a very high level of UV protection to prolong the life of the print, and a high level of resistance to weathering. It is supplied with a solvent-based adhesive for trouble free application. The 50 micron PVDF film provides a thin lamination over the print and can be applied onto flat or slightly curved surfaces.

Features & Benefits

- Offers maximum protection against graffiti and chemicals.
- For use on Solvent, Eco Solvent and Latex prints.
- PVC, Phthalate and Chlorine Free.
- High level of UV protection to prolong the life of the print.

Face Film

Face Film	PVDF (Polyvinylidene Fluoride)
Gauge	50 micron nominal
Tensile Strength	1.8kg/cm
Elongation at break	80%

Adhesive

Type	Permanent clear pressure sensitive solvent-based acrylic with UV inhibitors
Initial Adhesion	0.6 kg/cm (PSTC-1)
Perceived tack	Medium to high
Application temperature	+16 °C to +32 °C
Service temperature	-40 °C to +107 °C

Release Liner

Thickness	145gsm nominal
Type	PE coated kraft

Finishes

Finishes Available	MG-850	Clear Gloss
--------------------	--------	-------------

Roll Presentation

Roll Widths	1.22m / 1.37m
Roll Lengths	50m
Presentation	Laminate outwards, on a 0.76m

Durability

Shelf Life	2 years. (10-20°C and 50% R.H).
External weathering	10 years. This refers to the over laminate 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.
- Refer to www.metamark.co.uk for further application guidelines.
- Suitable for use on Solvent, Eco Solvent and Latex inkjet prints on Metamark print media. Not suitable for UV prints.
- Allow the inks to cure before overlaminating, usually 24-48 hours. Failure to do so can cause delamination, tunnelling and shrinkage.
- The user should determine suitability of the overlaminate 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.

Metamark (UK) Limited

- Luneside • 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