

MetaGuard 850RW

Anti-Graffiti Polyester Overlaminates



Product Description

MetaGuard 850RW is a 20 micron high gloss polyester self-adhesive 'Anti-Graffiti' overlaminates that provides protection against graffiti and chemicals. The film and adhesive both contain UV stabilisers 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, with a clear polyester liner. The 20 micron polyester film provides a thin lamination over the print and can be applied onto flat or 2D curved surfaces.

Material Handling

- Ensure that the material has reached room temperature and a relative humidity of 50% before use.

Overlaminating

- Suitable for use on Solvent, Eco Solvent, Latex and UV prints on Metamark print media.
- This product is not suitable for 3D compound curves and is not conformable.
- Allow the inks to cure before overlaminating, usually 24-48 hours (not applicable to latex prints). Failure to do so can cause delamination, tunnelling and shrinkage.
- This product is suitable for cold lamination using a laminator. 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 overlaminates to the print media.

Cleaning

Always remove graffiti as soon as possible from the film. Use the least aggressive cleaner possible. Initially try low pressure washing using warm soapy water followed by a rinse. Isopropyl alcohol and Petroleum Distillates such as Kerosene can also be used. Do not use any abrasive cleaning tools, abrasive cleaners, Caustic cleaners or Ketones such as Acetones, MEK etc. All these will damage the film. Refer to the Product Information Bulletin [MetaGuard 850 PIB](#) for full cleaning information.

Face Film

Face film	Polyester
Gauge	20 micron nominal (FTM 9)

Adhesive

Type	Permanent clear pressure sensitive solvent-based acrylic
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Initial Adhesion (20 mins glass)	11N/25mm (FTM 1)
Final Adhesion (24 hours glass)	14N/25mm (FTM 1)
Application temperature	+15°C to +40°C
Service temperature	-30°C to +100°C

Release Liner

Type	Polyester
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Finishes

Finish Available	MG-850RW	High Gloss
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Roll Presentation

Roll sizes	1370mm x 50m	11kg
Presentation	Laminate outwards, on a 76mm core.	

Durability

Shelf Life	2 years When stored at 15-25°C and +/- 50% RH
External weathering	5 years in vertical exposure under northern European conditions. This refers to the overlaminates and not the protection that it gives the printed image.
Fire Rating	Class 1 (BS476 Pt 7)
Regulations	REACH compliant

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. **Please Note:** 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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