

# MetaGuard 850RW

## Anti-Graffiti Polyester Overlamine



### Product Description

MetaGuard 850RW is a 20 micron high gloss polyester self-adhesive 'Anti-Graffiti' overlamine 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.

### Features & Benefits

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

#### Face Film

Face film	Polyester
Gauge	20 micron nominal (FTM 9)

#### Adhesive

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

#### Release Liner

Thickness	145gsm nominal
Type	PE coated kraft

#### Finishes

Finishes Available	MG-850RW	High Gloss
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#### Roll Presentation

Roll Widths	1.22m / 1.37m / 1.52m
Roll Lengths	50m
Presentation	Laminate outwards, on a 0.76m

#### Durability

Shelf Life	2 years. (10-20°C and 50% R.H).
External weathering	5 years in vertical exposure under northern European conditions. This refers to the over lamine and not the protection that it gives the printed image.
Fire Rating	Class 1 (BS476 Pt 7)
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](http://www.metamark.co.uk) for further application guidelines.
- 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.
- The user should determine suitability of the overlamine to the print media.

### PVC Free

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.

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