

# MetaGuard 670

Optically Clear Cast Overlaminates



## Product Description

MetaGuard 670 is an optically clear, cast overlaminates, for use on Clear Vision Perforated One-Way Window Film. The 40 micron cast film is conformable to allow application to curved glass such as vehicle rear windows. It provides u.v. and abrasion resistance. (For totally flat glass, use MetaGuard 620). The product is supplied on a smooth clear polyester liner ensuring the clarity of the solvent-based adhesive.

## Material Processing and Handling

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

## Overlaminating and Application

- Suitable for use on Solvent, Eco Solvent, Latex and UV inkjet prints on Metamark print media.
- Allow the inks to cure before overlaminating, usually 24-48 hours. 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](http://www.metamark.co.uk) for further application guidelines.
- The user should determine suitability of the overlaminates to the print media.

### Face Film

Face Film                      Cast Vinyl  
Gauge                            40 micron nominal

### Adhesive

Type                              Permanent optically clear solvent based acrylic with UV inhibitors  
Application temperature    +10°C Minimum  
Service temperature        -10°C to +110°C

### Release Liner

Print                              Unprinted  
Type                                Clear polyester

### Finishes

Finish Available              MG-670    Clear Gloss

### Roll Presentation

Roll sizes                        760mm x 50m  
    1370mm x 50m  
    1520mm x 50m  
Presentation                    Laminate outwards, on a 76mm core.

### Durability

Shelf Life                        2 years  
External weathering         7 years. This refers to the overlaminates and not the protection that it gives the printed image.  
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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