

MetaGuard 620

Optically Clear Polyester Overlaminates



Product Description

MetaGuard 620 is a 25 micron polyester high gloss self-adhesive overlaminates suitable for cold lamination. The optically clear film offers a higher level of UV protection, maintaining the colour vibrancy of the print, and gives a low cost protection against chemicals and graffiti, and abrasion resistance, offering excellent performance at a lower cost than a PVDF overlaminates. The product is supplied on a smooth clear polypropylene liner ensuring the clarity of the solvent-based adhesive.

Material 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 and Eco Solvent 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.
- This product is suitable for cold lamination using a laminator. Apply around 30°C on the top roller to prevent silvering of the adhesive.
- Suitable for flat surfaces or single curvature only. It is not conformable, do not use on compound curves.
- Refer to www.metamark.co.uk for further application guidelines.
- The user should determine suitability of the overlaminates to the print media.

Face Film

Face Film	High Gloss Optically Clear Polyester (PET)
Gauge	25micron nominal
Shrinkage	Nil

Adhesive

Type	Permanent ultra clear pressure sensitive solvent acrylic with UV inhibitors
Adhesion at 20 mins	8.5N / 25 mm
Adhesion at 24 hours	12.5N / 25mm
Application temperature	+4°C Minimum
Service temperature	-40°C to +135°C

Release Liner

Print Type	Unprinted Clear siliconised polypropylene
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Finishes

Finish Available	MG-620 Clear High Gloss
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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	2 years. This refers to the overlaminates and not the protection that it gives the printed image.
Regulations	REACH compliant

MD: Machine direction, TD: Transverse direction

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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