

# MetaGuard MGC

## Cast Wrap Film Overlamine (Matched with MDC)



### Product Description

MetaGuard MGC Premium Cast Overlamine provides a complete kit with MetaCast® Wrap films. The superior 40 micron matched film is available in a high Gloss, or low lustre Matt finish. The MetaCast wrap system offers the ultimate professional performance for Full Vehicle Wraps and backed by the MetaSure 10 year warranty. MetaGuard MGC has a layflat PE liner for trouble free handling.

### Features

- Matched to MetaCast® Print films.
- 40 micron engineered film.
- Premium Cast Overlamine for 3D wraps, deep channels & recesses.

### Benefits

- 10 year durability and MetaSure Warranty.
- Highly conformable and ease of application.
- Engineered to give long term dimensional stability and provide durability to the print.

Face Film	
Face Film	Cast Vinyl
Gauge (ISO 2286-3)	40 micron nominal
Elongation at break	190% MD nominal

  

Adhesive	
Type	Permanent Solvent-Based Adhesive.
Adhesion to glass 20 mins	13N/25mm nominal
Adhesion to glass 24 hour	16N/25mm nominal
Application temperature	+5°C to +40°C
Service temperature	-30°C to +110°C

  

Release Liner	
Print	Metamark print
Weight	140 gsm nominal
Type	PE layflat

Finishes		
Finishes Available	MGC-005	Gloss
	MGC-002	Matt

  

Roll Presentation	
Roll Widths	1.37m / 1.60m
Roll Lengths	50m / 25m

  

Durability	
Shelf Life	2 years. (10-20°C and 50% R.H).
External weathering	10 years. Northern European conditions, vertical. Refer to full Metamark International durability guide.
Fire Rating	Self-extinguishing.
Chemical Resistance	Unprinted film resistant to mild acids, aliphatic solvents, salt and alkali, diesel, gasoline, paraffin, hydraulic oil, antifreeze.

### Handling and Application

- This product is suitable for cold lamination using a laminator.
- Ensure that the material has reached room temperature and a relative humidity of 50% before use.
- Allow the inks to cure before overlaminating, this is usually 24-48 hours. (Not applicable to HP Latex prints). Failure to do so can cause delamination, tunnelling and shrinkage.
- The matched laminate for MDC is MetaGuard MGC.
- Suitable for use on Solvent, UV and Latex prints.
- The product is matched to MetaCast®. Matched laminates prevent tunnelling and delamination.
- 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 overlamine 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.

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