

Product Description

Metaguard 900 is a premium quality cast overlaminates developed for overlaminating prints on vehicle wrapping applications, to provide increased durability of prints against abrasion and UV degradation. It has excellent outdoor durability and is supplied with a solvent-based adhesive for trouble free application.

Typical Applications

Metaguard 900 is suitable for overlaminating prints on vehicle wrapping applications. The 53 micron cast film is highly conformable allows application over compound curves, corrugations and rivets. To conform over complex curves or rivets the unique properties of the cast film allows the product to be stretched, or gently heated to increase flexibility. When applied over Metamark MD7 digital print media, the products provide a matched system for vehicle wrapping, as both cast vinyl films are mutually conformable, with similar dimensional stability and durability, eliminating problems of differential weathering on curved surfaces.

Material Processing and Handling

This product is suitable for cold lamination using a laminator, or can be wet applied over a solvent inkjet print.

Face Film

Face film	Cast PVC
Gauge	53 micron nominal
Tensile strength	>0.8kg/cm
Elongation at break	>130%
Shrinkage	Minimal

Adhesive

Type	Permanent clear pressure sensitive solvent-based acrylic with UV inhibitors
Thickness	30 micron
Peel adhesion	0.65kg/cm
Application temperature	+5°C to +50°C (15°C to 30°C optimum)
Service temperature	-40°C to +95°C

Release Liner

Print	Unprinted
Thickness	150gsm nominal
Type	Silicone coated kraft

Finishes

Finish Available	MG-905	Clear Gloss
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Roll Presentation

Roll sizes	760mm x 50m 1370mm 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.

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.

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