

Metamark MD-RF7

Engineering Grade Reflective



Product Description

Metamark MD-RF7 is a 7 year engineering grade reflective that meets the performance requirements of EN 12899 Class RA1*, for temporary traffic signage, ASTM D-4956 Type I, Chapter 8 (Red), and other industry specifications. The cast film is printable on Solvent, Eco Solvent, Latex and UV Printers and for vinyl plotters. Metamark MD-RF7 is a versatile product offering good flexibility with a wide range of applications.

Features and Benefits

- For use on Traffic Signs, Vehicle Signage, advertising and general signage.
 - Enclosed lens glass bead with engineering grade retro-reflective performance.
 - Cast face film offering good flexibility.
 - Chapter 8 (Red), EN 12899-1:2007 Class RA1*, ASTM D-4956-1
 - Exterior durability 7 years.
 - Digitally printable on Solvent, Eco Solvent, UV and Latex Printers. Also for screen printing. Overlamine with MetaGuard 670.
- * Meets the colour and reflectivity requirements of EN 12899. It is not CE Approved.

Face Film		Roll Presentation	
Face Film	Cast Vinyl	Roll Widths	1.22
Construction	Glass Beads (Enclosed Lens)	Roll Lengths	50m
Gauge (Film)	115 mic		
Adhesive		Finishes	
Type	Permanent Pressure Sensitive	Finishes	MD-RF7-00 White (85 RA (cd/lx/m ²) ¹)
Application temperature	+15°C to +40°C		MD-RF7-01 Yellow (60 RA (cd/lx/m ²))
			MD-RF7-02 Red (20 RA (cd/lx/m ²))
Release Liner		Durability	
Print	Unprinted	Shelf Life	Use within 1 year of receipt of the Product. (10-20°C and 50% R.H). Store rolls in original shipping carton
Type	PE Liner	External weathering	Up to 7 years for vertical exposure. Refer to full Metamark International durability guide.

¹Typical Coefficient of Retro reflection when measured at 0.2° observation angle and -4° entrance angle.

Application Guidelines

Application should be above 15°C (60°F). The nature of reflective films is that they may become brittle in cold conditions. Substrates should be cleaned prior to application with Metamark Surface Cleaner or IPA and clean lint free cloth. Wet application method is not recommended. For application to plastic substrates, especially low surface energy plastics, it is important to flame treat (or otherwise surface treat) the plastic substrate prior to application. Allow 24 hours

after printing for lamination. Many plastics, including fiberglass laminates, may contain ingredients or components that may migrate to the surface and adversely affect the adhesion or performance of the reflective sheeting. When joining reflective sheeting, tile the panels to ensure consistency of the direction of reflection. For installing onto vehicles such as for chevron kits, applying over vinyl will make subsequent removal easier.

MetaSure® Warranty

Metamark (UK) Limited warrants to its customers that graphics produced using Metamark products 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 products 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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