

Metamark M7H

High-Tack High Performance Calendered Sign Vinyl



Product Description

Metamark 7 Series is a high performance Calendered vinyl developed for computer-cut graphics for vehicles, window decals, and long term applications onto flat or slightly curved surfaces. M7H Series is supplied with a high tack adhesive, to give enhanced adhesion onto low energy and difficult to adhere to surfaces. The high grade solvent based adhesive allows wet application. Exterior durability is 8 years for black and white, 7 years for colours, and 5 years for metallics.

Features & Benefits

- Premium Grade Plotter Vinyl
- Metasure warranty up to 8 years.
- High Tack adhesive for low energy surfaces.
- Engineered to give long term dimensional stability.

Face Film

Face Film	Polymeric calendered PVC
Gauge	70 micron nominal

Adhesive

Type	High tack permanent clear solvent-based acrylic
Adhesion LDPE	20 min 5N/25mm nominal
	24 hour 15 N/25mm nominal
Adhesion Steel	20 min 22 N/25mm nominal
	24 hour 28 N/25mm nominal
Adhesion Glass	20 min 22 N/25mm nominal
	24 hour 28 N/25mm nominal
Perceived Tack	High
Application temperature	+10°C to +50°C
Service temperature	-30°C to +110°C

Release Liner

Print	Metamark 7 Series in Purple print
Weight	135 gsm nominal
Type	Solventless, clay coated, layflat Kraft

Finishes

Finishes Available	M7H-100	White Gloss
	M7H-110	Black Gloss
	M7H-101M	White Matt
	M7H-111M	Black Matt
	M7H-125	Nimbus Grey
	M7H-190	Silver
	M7H-191	Gold

Roll Presentation

Roll Widths	0.61m / 1.22m
Roll Lengths	50m

Durability

Shelf Life	2 years. (10-20°C and 50% R.H).
External weathering	8 years for black and white, 7 years for colour, and 5 years for metallics; in vertical exposure under northern European conditions.
Fire Rating	Class B - BS EN 13501-1:2007 Class 0 - BS 476 pt7 (glass + Painted 3mm Aluminium)
Chemical Resistance	Resistant to mineral oils, fats and fuels, aliphatic solvents, mild acids, salt and alkali for e.g. diesel oil, gasoline, paraffin, hydraulic oil, antifreeze, soap suds etc.
Regulations	REACH & RoHS compliant

Handling & Application

- Always perform a test cut first.
- Suitable for plotter use, also for contour and vinyl lettering.
- Ideal for use on low energy / difficult to adhere surfaces
- Suitable for wet or dry application.
- Apply unstressed, in particular to curves and recesses. It is not suitable for application over rivets or complex recesses.
- The user should determine suitability of substrate.

MetaSure® Warranty

Metamark (UK) Limited warrants to its customers that completed decorative markings which utilise Metamark SignVinyl will remain in good condition without excessive fading or colour degradation for the specified life time of each material when correctly stored and applied in accordance with procedures outlined in the technical literature. If within the specified years of normal use Metamark SignVinyl becomes ineffective for its intended use, then Metamark will provide sufficient material to produce a new replacement marking, and will also, at its own discretion, contribute an allowance towards the costs involved in replacing the graphics. 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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