

# Metamark 7 Series

## 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. The soft handle 70 micron face film offers ease of weeding, while the high grade solvent based adhesive allows wet application and clean removal. Exterior durability is 8 years for black and white, 7 years for colours and 5 years for metallic colours. M7-100C white gloss has a blue contrast liner.

### Typical Applications

- The range offers excellent cutting and weeding characteristics, and exterior durability of up to 8 years making it ideal for use on external applications including vehicle graphics and exterior sign applications.

### Application Guidelines

- May be applied with a wet or dry application.
- Apply unstressed, in particular to curves and recesses. It is not suitable for application over rivets or complex recesses.
- Not recommended for use on low energy surfaces such as polypropylene. The user should determine suitability of all substrates – refer to [www.metamark.co.uk/technical](http://www.metamark.co.uk/technical) for advice on application surfaces.

### Face Film

Face Film:	Polymeric calendered PVC
Gauge:	70 micron nominal
Tensile Strength	47N/25mm MD / 43N/25mm TD
Elongation at break	180% MD nominal
Shrinkage	-0.5% MD max / -0.2% TD max

### Adhesive

Type	Permanent solvent-based acrylic
Weight	22gsm nominal
Adhesion to glass 20 mins	15N/25mm nominal
Adhesion to glass 24 hour	20N/25mm nominal
Perceived tack	Medium
Shear strength	Medium to high
Application temperature	+5°C to +60°C
Service temperature	-30°C to +110°C

### Release Liner

Type	Kraft paper
Printed	Metamark 7 Series in Purple print
Gauge	145 mym nominal
Weight	140 gsm nominal

### Finishes

Finishes Available	55 gloss and 2 matt
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### Durability

Shelf Life	2 years
External weathering	8 years for black and white, 7 years for colours and 5 years for metallics; in vertical exposure under northern European conditions.
Fire Rating	Class B. BS EN 13501-1:2007 BS 6853:1999 Cat1a&b (Passenger Rail) EN ISO 5659-2 (Goods Rail Vehicles) ISO 5658-2 (Goods Rail Vehicles)
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.

**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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