

# 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. M7-100 White Gloss and M7-101M White Matt have a blue contrast liner.

### Features & Benefits

- Premium Grade Plotter Vinyl
- Apex® permanent Solvent based adhesive for clean removability.
- Metasure warranty up to 8 years.
- Available with Metascape® air release.
- Contemporary colour range of 92 colours.
- Engineered to give long term dimensional stability.

| Face Film                 |   | Finishes            |   |
|---------------------------|---|---------------------|---|
| Face Film                 | Polymeric calendered PVC                | Finishes Available  | 89 Gloss and 3 Matt   |
| Gauge                     | 70 micron nominal                       | <b>Durability</b>   |   |
| Adhesive                  |   | Shelf Life          | 2 years. (10-20°C and 50% R.H).   |
| Type                      | Permanent solvent-based acrylic         | External weathering | 8 years for black and white, 7 years for colours and 5 years for metallic ; in vertical exposure under northern European conditions.  |
| Adhesion to glass 20 mins | 15N/25mm nominal                        | Fire Rating         | Class B - BS EN 13501-1:2007<br>Class 0 - BS 476 pt7 (glass + Painted 3mm Aluminium)  |
| Adhesion to glass 24 hour | 20N/25mm nominal                        | 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. |
| Perceived Tack            | Medium                                  | Regulations         | REACH & RoHS compliant  |
| Shear Strength            | Medium to 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 |                     |   |

### Application

- ideal for use on external applications including vehicle graphics and exterior sign applications.
- Suitable for plotter use, also for contour and vinyl lettering.
- 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.
- Some Yellows and Tangerine are not suitable for use on darker Substrates due to low opacity.
- Not recommended for use on low energy surfaces such as polypropylene.
- 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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