

# Metamark 4 Series

Intermediate Grade Calendered Sign Vinyl



## Product Description

Metamark 4 Series is a superior quality intermediate grade vinyl for computer-cut use, available in a range of Matt and Gloss colours. It is suitable for outdoor or indoor signage applications onto flat or slightly curved surfaces. The 70 micron soft handle face film offers ease of weeding. Exterior durability is 5 years for black and white, 4 years for colours and 3 years for metallic colours.

## Typical Applications

- The Gloss series is suitable for short to medium term exterior vehicle graphics and other outdoor applications.
- The Matt series is ideal for indoor displays and exhibitions where it benefits from minimal reflection from overhead lighting.

## Application Guidelines

- The Gloss and Matt series have a solvent-free adhesive, so avoid wet application to prevent the adhesive becoming milky. Expel any residual water, in particular when applied onto glass.
- The Gloss and Matt series have a semi-permanent adhesive so may be removed cleanly in the short term.
- 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           | Intermediate calendered PVC.      |
| Gauge               | 70 micron nominal                 |
| Tensile Strength    | 50N/25mm MD / 48N/25mm TD nominal |
| Elongation at break | 180% MD nominal                   |
| Shrinkage           | Minimal                           |

## Adhesive

|                           |   |
|---------------------------|---|
| Type                      | Advanced Acrylic                                    |
| Weight                    | 18gsm nominal                                       |
| Adhesion to glass 20 mins | 10N/25mm nominal (Gloss)<br>8N/25mm nominal (Matt)  |
| Adhesion to glass 24 hour | 20N/25mm nominal (Gloss)<br>16N/25mm nominal (Matt) |
| Perceived tack            | Medium (Gloss)<br>Low to medium (Matt)              |
| Shear strength            | Medium to high (Gloss)<br>Medium (Matt)             |
| Application temperature   | +5°C to +60°C                                       |
| Service temperature       | -30°C to 110°C                                      |

## Release Liner

|         |                                  |
|---------|----------------------------------|
| Type    | Kraft paper                      |
| Printed | Metamark 4 Series in grey print. |
| Gauge   | 145mym nominal                   |
| Weight  | 140 gsm nominal                  |


















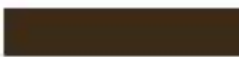


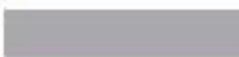




















## Finishes

|                    |                              |
|--------------------|------------------------------|
| Finishes Available | 42 gloss and 31 matt shades. |
|--------------------|------------------------------|


















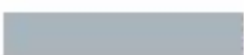













## Durability

|                     |   |
|---------------------|---|
| Shelf Life          | 1 year  |
| External weathering | 4 to 5 years in vertical exposure under Northern European conditions  |
| Fire Rating         | Class B. Classification compliant with BS EN 13501-1:2007   |
| 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 and RoHS compliant  |

**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.

|   |        |   |        |   |        |
|---|--------|---|--------|---|--------|
|    | XE-200 |    | XE-277 |  | XE-265 |
|    | XE-205 |    | XE-250 |  | XE-282 |
|    | XE-220 |    | XE-258 |  | XE-283 |
|    | XE-221 |    | XE-252 |  | XE-272 |
|    | XE-224 |    | XE-254 |  | XE-270 |
|    | XE-210 |    | XE-255 |  | XE-271 |
|    | XE-230 |    | XE-275 |  | XE-290 |
|    | XE-232 |    | XE-278 |  | XE-291 |
|    | XE-235 |    | XE-259 |  | XE-292 |
|   | XE-237 |   | XE-261 |   |        |
|  | XE-233 |  | XE-269 |   |        |
|  | XE-240 |  | XE-263 |   |        |
|  | XE-247 |  | XE-268 |   |        |
|  | XE-246 |  | XE-267 |   |        |
|  | XE-243 |  | XE-264 |   |        |
|  | XE-245 |  | XE-273 |   |        |



|   |         |   |         |   |         |
|---|---------|---|---------|---|---------|
|    | XE-301M |    | XE-358M |  | XE-381M |
|    | XE-324M |    | XE-352M |  | XE-382M |
|    | XE-311M |    | XE-353M |  | XE-383M |
|    | XE-320M |    | XE-354M |  | XE-370M |
|    | XE-330M |    | XE-355M |  | XE-372M |
|    | XE-332M |    | XE-359M |  | XE-390M |
|    | XE-334M |    | XE-360M |  | XE-391M |
|    | XE-333M |    | XE-361M |   |         |
|    | XE-340M |    | XE-362M |   |         |
|   | XE-341M |   | XE-368M |   |         |
|  | XE-343M |  | XE-364M |   |         |
|  | XE-345M |  | XE-366M |   |         |

