

# Metamark MT-700 Series

## Translucent Sign Vinyl



### Product Description

Metamark MT-700 Series translucent polymeric vinyl brings LED panels, backlit light boxes and fabricated illuminated signage to life with vivid, evenly transmitted colour. The 80-micron soft-handle face film cuts, weeds, and applies effortlessly. It delivers consistent colour, excellent UV stability, and a refined satin finish that reduces unwanted reflection - day and night.

### Features & Benefits

- Premium Grade Plotter Vinyl
- Apex® permanent Solvent based adhesive for clean removability.
- MetaSure® warranty up to 7 years.
- Contemporary colour range of 35 shades.
- Engineered to give long term dimensional stability.

| Face Film                 |                                                                                           | Finishes            |                                                                                                                                                                               |
|---------------------------|-------------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Face Film                 | Polymeric calendered PVC                                                                  | Finishes Available  | 35 shades                                                                                                                                                                     |
| Gauge                     | 80 micron nominal                                                                         | Durability          |                                                                                                                                                                               |
| Adhesive                  |                                                                                           | Shelf Life          | 1 years. (10-20°C and 50% R.H).                                                                                                                                               |
| Type                      | Permanent solvent-based acrylic                                                           | External weathering | Up to 7 years ; in vertical exposure under northern European conditions.                                                                                                      |
| Adhesion to glass 20 mins | 15N/25mm nominal                                                                          | Fire Rating         | Class B - BS EN 13501-1:2018                                                                                                                                                  |
| 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 T series blue print                                                              |                     |                                                                                                                                                                               |
| Weight                    | 140 gsm nominal                                                                           |                     |                                                                                                                                                                               |
| Type                      | Advanced specially treated layflat kraft paper with high internal strength and PE coating |                     |                                                                                                                                                                               |

### Application

- Ideal for use on external applications including backlit 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.
- Black MT-710 is a matched film with a higher opacity. Customers should test suitability.
- 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. E&OE. 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.