

### Product Description

Metamark Frost is an opal etch effect vinyl suitable for glass manifestation and privacy screening, replacing traditional acid etching. The smooth, consistent finish provides a striking effect when producing decals, graphics or for architectural use when covering complete areas of glass. The proprietary solvent adhesive system ensures sparkling results without a trace of adhesive visibility, and allows easy wet application.

### Features & Benefits

- Intermediate Grade Plotter Vinyl
- Apex® permanent Solvent based adhesive for clean removability.
- Metasure warranty up to 3 years.
- Available with MetaScape® air release.
- Engineered to give long term dimensional stability.

### Face Film

Face Film Matt calendered PVC  
Gauge 80 micron nominal

### Adhesive

Type Clear solvent-based acrylic  
Adhesion to glass 20 mins 15N/25mm nominal  
Adhesion to glass 24 hour 20N/25mm nominal  
Application temperature +10°C to +50°C  
Service temperature -30°C to +110°C

### Light Transmission

Frost 86%

### Release Liner

Print Metamark 4 Series in grey print  
Weight 140 gsm nominal  
Type An advanced specially treated layflat kraft paper with high internal strength and PE coating

### Finishes

Finishes Available M4-OF Frost

### Durability

Shelf Life 1 years. (10-20°C and 50% R.H.)  
External weathering 3 years in vertical exposure under Northern European conditions.  
Fire Rating Class B - BS EN 13501-1:2018  
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

### Application

- For computer-cut etched glass effect graphics, and window manifestation.
- 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.
- Multiple panels should be applied in the same direction.
- Not recommended to be applied between two sheets of glass.
- 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.

### Metamark (UK) Limited