

MetaScape Crystal, Dusted, Silver Etch & Opal Haze

Premium Etch Glass Effect Films



Product Description

Metamark Crystal Etch, Dusted Etch and Silver Etch films are polymeric calendered etch effect vinyls, specially formulated for producing fine window decals and manifestation. The 70 & 80 micron film and high quality release liner and adhesive provide fast cutting and easy weeding on all computerised sign making equipment. The vinyl is resistant to most mineral oils, fats and fuels, aliphatic solvents, mild acids, diesel, gasoline, paraffin, hydraulic oil, antifreeze, soap suds etc.

Features & Benefits

- Premium Grade Plotter Vinyl
- Apex® permanent Solvent based adhesive for clean removability.
- Metasure warranty up to 7 years.
- Available with Metascape® air release.
- Engineered to give long term dimensional stability.

Face Film

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|-----------|--|
| Face Film | Polymeric matt calendered PVC |
| Gauge | 70 micron nominal (CR,DE,SE) 80 micron nominal (OH) |

Adhesive

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|---------------------------|---------------------------------|
| Type | Permanent solvent-based acrylic |
| 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 | +10°C to +50°C |
| Service temperature | -30°C to +110°C |

Light Transmission

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|--------------|-----|
| Crystal Etch | 56% |
| Dusted Etch | 87% |
| Silver Etch | 69% |
| Opal Haze | 83% |

Release Liner

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|--------|---|
| Print | Metamark 7 Series in Purple print |
| Weight | 135 gsm nominal |
| Type | Solventless, clay coated, layflat Kraft |

Finishes

| | | |
|--------------------|-------|--------------|
| Finishes Available | M7-CR | Crystal Etch |
| | M7-DE | Dusted Etch |
| | M7-SE | Silver Etch |
| | M7-OH | Opal Haze |

Durability

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|---------------------|---|
| Shelf Life | 2 years. (10-20°C and 50% R.H). |
| External weathering | 7 years in vertical exposure under Northern European conditions. |
| Fire Rating | Class B - BS EN 13501-1:2007 Class 0 - BS 476 pt7 (glass + Painted 3mm Aluminium) |
| 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.

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