

MetaScape Crystal, Dusted, Silver Etch & Opal Haze

Premium Etch Glass Effect Films with MetaScape® Adhesive System



Product Description

For faster, trouble-free application of glass manifestation, MetaScape Etches offers ease of application by providing air with an exit route from under the graphic. MetaScape Crystal Etch, Dusted Etch, Silver Etch & Opal Haze films are polymeric calendered etch effect vinyls, specially formulated for producing fine window decals and manifestation. The 70 & 80 micron films 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
- MetaScape Adhesives System allowing ease of application.
- Engineered to give long term dimensional stability.
- Metasure warranty up to 7 years.

Face Film

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

Adhesive

Type	MetaScape® permanent solvent-based acrylic with air channels.
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

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

Release Liner

Print	'MetaScape' print
Weight	135 gsm nominal
Type	Structured layflat kraft paper with PE coating

Finishes

Finishes Available	M7A-CR	Crystal Etch
	M7A-DE	Dusted Etch
	M7A-SE	Silver Etch
	M7A-OH	Opal Haze

Durability

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 13501-1:2018 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 dry application only.
- 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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