

WINDOTEX

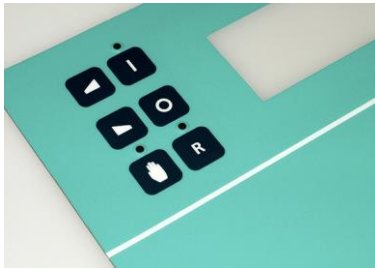
Screen Printable Window Lacquer

PRODUCT DESCRIPTION

Windotex is designed for use with Autotex to produce clear windows. This system affords the manufacturer a simple and cost effective way of producing high quality windows without the need for die-cutting or selective texturing.

Windotex is a UV curable, 100% solids, screen printable window lacquer.

Windotex Gloss and Antiglare can be mixed to obtain a wide range of finishes between these two gloss levels (see **Windotex** Processing Recommendations).



READ ENTIRE TECHNICAL DATA SHEET BEFORE USING THIS PRODUCT

PRODUCT RANGE

Product	Gloss Level*
Windotex Gloss	> 90% gloss level
Windotex Antiglare	75 to 90% gloss level

*Gloss levels measured with black print

TYPICAL PROPERTIES

Property	Typical Value	Test Method
Haze ¹		
Gloss	< 8%	ASTM D1003
Antiglare	10 to 30%	
Gloss level (60°) ¹		
Gloss	> 90%	ASTM D2457 (modified to test method 022)
Antiglare	75 to 90%	
Total luminous transmission ¹		
Gloss	91% ± 2%	ASTM D1003
Antiglare	91% ± 2%	
Yellowness index ¹		
Gloss	< 5	ASTM E313
Antiglare	< 5	
Taber abrasion ¹	11%	Test method 103
Adhesion to Autotex ²	100%	Test method 080
Density (uncured)		
Gloss	1.1 g / cm ³	Gravimetric
Antiglare	1.2 g / cm ³	
Pencil hardness ¹	F	Test method 058
Chemical resistance	Resistant to: Alcohols Dilute Acids Dilute Alkalis Esters Hydrocarbons Ketones Household Cleaning Agents	Please see Windotex Solvent Resistance Data Sheet

Note: Many properties will depend on print and cure conditions. Please see Windotex Processing Recommendations

¹ For details of test method, please contact MacDermid Alpha Electronics Solutions

² Specification Value

PRODUCT APPLICATION

Windotex is designed to be screen printed onto areas of Autotex (see Autotex Technical Data Sheet) to produce transparent windows for LCD and LED displays for use in membrane switches and fascia panels. **Windotex** is not a UV resistant product and is therefore not recommended for prolonged use outdoors. Due to the stabilising chemistry used in Autotex XE, the adhesion of **Windotex** to the surface may be impaired. Contact MacDermid Alpha Electronics Solutions for further information.

SHELF LIFE & STORAGE CONDITIONS

The shelf life of **Windotex** is 12 months from the date of manufacture when stored correctly in a sealed container.

IMDS ID-No

By arrangement with our regulatory affairs team

SAFETY & WARNING

It is recommended that the company/operator read and review the Safety Data Sheets for the appropriate health and safety warnings before use.

Safety Data Sheets are available.

WASTE TREATMENT

Prior to using any recommendations or suggestions for waste treatment, the user is required to know the appropriate local/state/federal regulations for on-site or off-site treatment which may require permits. If there is any conflict regarding our recommendations, local/state/federal regulations take precedent.

CONTACT INFORMATION

**To confirm this document is the most recent version, please contact
techinfo@MacDermidAlpha.com**

www.macdermidalpha.com

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Also read carefully warning and safety information on the Safety Data Sheet. This data sheet contains technical information required for safe and economical operation of this product. READ IT THOROUGHLY PRIOR TO PRODUCT USE . Emergency safety directory assistance: US 1 202 464 2554, Europe + 44 1235 239 670, Asia + 65 3158 1074, Brazil 0800 707 7022 and 0800 172 020, Mexico 01800 002 1400 and (55) 5559 1588

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