

WINDOTEX

Product Data Sheet

Screen Printable Window Lacquer

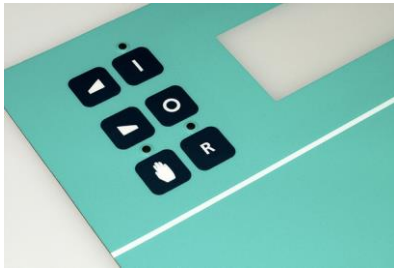


DESCRIPTION

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).



PRODUCT RANGE

Windotex	Gloss Level*
Windotex Gloss	>90% gloss level
Windotex Antiglare	75-90% gloss level

*Gloss levels measured with black print



PRODUCT APPLICATION

Windotex is designed to be screen printed onto areas of Autotex (see Autotex Product 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 Autotype for further information.

TYPICAL PROPERTIES

Property	Windotex	Test Method
Haze ¹ Gloss Antiglare	<8% 10-30%	ASTM D1003
Gloss level (60°) ¹ Gloss Antiglare	>90% 75-90%	ASTM D2457 (modified to test method 022)
Total luminous transmission ¹ Gloss Antiglare	91% ±2% 91% ±2%	ASTM D1003
Yellowness index ¹ Gloss Antiglare	<5 <5	ASTM E313
Taber abrasion ¹	11%	Test method 103
Adhesion to Autotex ²	100%	Test method 080
Density (uncured) Gloss Antiglare	1.1g/cm ³ 1.2g/cm ³	Gravimetric
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

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

¹ For details of test method, please contact MacDermid Autotype

² Specification Value

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CONTACT INFORMATION

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