

AUTOTEX SOFTOUCH

Product Data Sheet

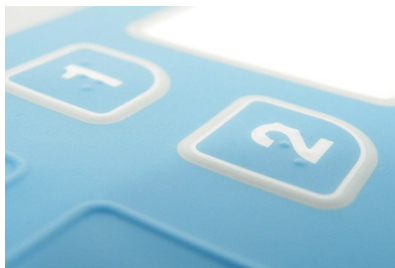
Tactile Coated Polyester Film



DESCRIPTION

Autotex Softouch has been developed to deliver a very fine, flat matt finish which, in combination with new coating chemistry, produces a unique soft-to-touch feel. This has been achieved whilst maintaining formability, flexibility, chemical and abrasion resistance.

Autotex Softouch is available in sheets and rolls



PRODUCT RANGE

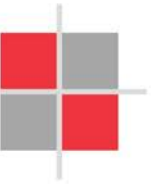
Product	Finish	Gauge	
		150µm	200µm
Autotex with 0-series ink primer for solvent based screen printing inks	Softouch	ST150L	ST200L

PRIMER

On the second surface **Autotex Softouch** has our standard 0-series ink-receptive coating for solvent based screen printing inks. The primer has also been used successfully with some digital UV inkjet printers. Please contact MacDermid Autotype for more information.

LAMINATE

MacDermid Autotype supply the **Autotex Softouch** film range with a protective laminate on the ink primer surface and recommend that the laminate remains in place until the first ink print pass.



WINDOWS

Autotex Softouch offers a unique textured surface which is compatible with Windotex windowing lacquers. Please refer to Windotex Processing & Safety Recommendations. Note that for **Autotex Softouch**, window printing must occur within 24 hours of the film being exposed to the atmosphere.

EDGE-QUALITY AFTER CUTTING

Due to its elastomeric nature, the Softouch coating is susceptible to damage at a cut edge. This can be minimised by the use of sharp blades and good cutting technique.

TYPICAL PROPERTIES

Property	Typical Value	Test Method
Haze ¹	90% ±2%	ASTM D1003
Total luminous transmission ¹	92% ±2%	ASTM D1003
Gloss level (60°) ¹	1.5 ±0.2	ASTM D2457 (Modified to test method 022)
Yellowness index ³	<3	ASTM E313
Hardcoat Adhesion ³	Pass	Test method 080
Switch life ¹	>5 million actuations	Test method 003
Tensile strength at break ²	150 N/mm ²	ASTM D882
Breakdown voltage ² 150µ 200µ	16 kV 18 kV	ASTM D149
Dimensional stability ³	0.2% max shrinkage MD at 120°C	Test method 094
Thickness all grades ¹	Nominal ±10%	Test method 096
Maximum processing temp	120°C	-
Maximum use temperature ¹	Low humidity (<10%RH) 85°C High humidity (10-95%RH) <60°C	Test method 012
Minimum use temperature ¹	-40°C (-40°F)	Test method 012
Chemical resistance	Excellent resistance to many common industrial solvents and household chemicals - please refer to Autotex Softouch Solvent Resistance Data Sheets	

¹ For details of test method, please contact MacDermid Autotype

² Data derived from base film manufacturer's literature.

³ Specification value



* The term polyester is the generic term for a number of different polymers, of which polyethylene terephthalate (PET) is the most common. PET is used in MacDermid Autotype High Performance Film Systems polyester film products

Note – performance characteristics may be subject to change

CONTACT INFORMATION

To confirm this is the most recent issue, please contact MacDermid Autotype

www.macdermid.com/autotype

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