



Autotex Softouch – Product Data Sheet

Tactile Coated Polyester* Film

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.

* 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 Industrial Polyester film products.

Autotex Version	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 for more information.

Laminate:

MacDermid 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	Autotex Softouch	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
Yellowness index ¹	<3	ASTM E313
Switch life	>5 million actuations	MacDermid method
Tensile strength at break ²	150 N/mm ²	ASTM D882
Breakdown voltage ²		ASTM D149
	150μ	16 kV
	200μ	18 kV
Dimensional stability ¹	0.2% maximum shrinkage MD at 120°C	MacDermid method
Thickness	Nominal ±10%	MacDermid method
Maximum processing temp	120°C	
Maximum use temp. ¹	Low humidity (<10%RH) 85°C	MacDermid method
	High humidity (10-95%RH) <60°C	
Minimum use temp. ¹	-40°C (-40°F)	MacDermid method
Chemical resistance	DIN 42 115 Please refer to Autotex Softouch Solvent Resistance chart	

¹ Test method adapted to MacDermid Method

² Data derived from base film manufacturer's literature. The coating slightly enhances most properties

For further information please contact salesupport@macdermidautotype.com

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