



Electronic



TEXT FILM LT

Code A4TEFR----

PRODUCT DESCRIPTION

Heat stabilized polyester textured films hard coated.

APPLICATION FIELDS

Screen and digital printing for membrane switches, touch panels.

AVAILABILITY

125 and 175µm
 ROLLS [W X L] : 1220mm X 100m - 610mm X 100m
 SHEETS: 1220mm X 700mm - 610mm X 440mm

GENERAL FEATURES

- High thermal stability (>0,3%, shrinkage)
- High scratch resistance
- Excellent printability UV and solvent based
- Good adhesion with UV digital inks
- Good abrasion resistance
- Very good durability

PROPRIETY		METHOD	VALUE		
GENERAL			CE 175	CE125	
Total thickness (film+ coating)			187µm	135µm	
OPTICAL	Light transmittance	ASTM D 1003	88 %		
	Hazen	RITM 004*	58 %		
	Yellowing	RITM 005*	3.8		
	Gloss 60°		19		
MECHANICAL	Switch test		>3 million		
		Pencil	4H		
		Taber test	RITM 005	-4 %	
		Rub test		>1 million	
	Adhesion	RITM 0148	4B		
ELECTRIC	volumetric resistivity	AST M D 257*	10 ¹⁵ ohm/m		
	Surface resistivity	AST M D 257*	10 ¹³ ohm/quadro		
	Dielectric	AST M D 149*	125KV/mm		



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PROPRIETY		METHOD		VALUE
THERMAL	Operating temperatures		Minimum	-40 °C
			Maximum	150 °C
	Dimensional stability	MD	30 min. @ 120°C	<-0.30%
		TD	30 min. @ 120°C	*/- 0.1 %
Flash point		UL Flame Class*	HB	
CHEMICALS	Spot test		ASTM 1308	
	Test immersione		MEK 24 ore	pass
	Chemical resistances		DIN42 115	

IMPORTANT NOTE

The information given in this technical sheet is not intended to be exhaustive and any person, using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us to the suitability of the product for the intended purpose, does so at his own risk.

While we endeavour to ensure that all advice we give about the product is correct, we have no control over either the quality or condition of the substrate or the many factors affecting the use and application of the product.

Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage arising out of the use of the product.

The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.