



Electronic



CIRCUIT FILM HSPL 20 HT 125 - Code: A4TESP2H125

CIRCUIT FILM HSPL 20 HT 100 - Code: A4TESPL100

CIRCUIT FILM HSPL 00 HT SUPER CLEAR 125 - Code: A4TESPL00H125

PRODUCT DESCRIPTION

High heat stabilized polyester film.
Chemically treated onto both side with high surface tension for the better adhesion with solvent based and UV inks.

APPLICATION FIELDS

Direct printing with conductive inks for membrane switches.

GENERAL FEATURES

- High temperature resistance (Shrinkage <0,2% at 170°C)
- High printability with UV and solvent based inks
- High stability and durability

AVAILABILITY

125 and 100µm
ROLLS [W X L] : 1220mm X 100m - 610mm X 100m
SHEETS: 1220mm X 700mm - 610mm X Tailor size
405mm X 530mm

TECHNICAL SPECIFICATIONS

PROPERTY		UNIT	METHOD	VALUE	VALUE
				100 µ	125 µ
THICKNESS VARIATION		micron.	interno	95,0 - 105,0	125 - 136
DENSITY		gm/cm3	ASTM D 1505	1.395 -1.405	1.395 -1.405
TENSILE STRENGTH	MD	Ka/cm2	ASTM D 882	1600 - 2500	1600 - 2500
	TD	Kg/cm2	ASTM D 882	1700 - 2800	1700 - 2800
ELONGATION AT BREACK	MD	%	ASTM D 882	90 - 180	90 - 180
	TD	%	ASTM D 882	90 - 180	90 - 180
SURFACE TENTION		Dynes/cm	ASTM D 2578	> 54	> 54
SHRINKAGE [170°C for 30 minutes]	MD	%	ASTM D 1204	< 0,2	< 0,2
	TD	%	ASTM D 1204	< 0,1	< 0,1
OPACITY' (*)		%	PHOTOVOLT	media 7	media 7

(*) – Value refers to clear base film
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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.

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