

TECHNICAL DATA

PTFE GLASS CLOTH TAPE

Product Code: 1TF07

P. LEO & CO LTD

P.O. Box 175 Fo Tan, Shatin, Hong Kong.
Telephone : (852) 2604-8222 * Facsimile : (852) 2693-2093
E-mail : sales@pleo.com * Web Site : http://www.pleo.com



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<u>ITEMS</u>	<u>UNIT</u>	<u>SPECIFICATION</u>	<u>TEST METHOD</u>
<u>I. DIMENSION & TOLERANCES</u>			
TOTAL THICKNESS :	mm	0.185 ± 0.02	
INSIDE DIAMETER OF ROLL :	mm	77 ± 1	
WEIGHT :	g/m ²		
<u>II. COMPOSITION</u>			
BACKING :		Polytetrafluoroethylene (PTFE) Glass Cloth	
THICKNESS :	mm	0.13	
GLUE		Silicone Resin	
<u>III. PHYSICAL AND CHEMICAL PROPERTIES</u>			
180°C PEEL ADHESIVE			
TO STEEL :	kg/25mm	0.6	ASTM D-1000
TO BACKING :	kg/25mm		ASTM D-1000
HOLDING POWER :	hrs		PSTC-7
UNWIND FORCE :	kg/25mm	0.3-0.7	
TENSILE STRENGTH :	kg/25mm	20	ASTM D-1000
ELONGATION :	%	4	ASTM D-1000
HEAT RESISTANCE :	°C	250	
SOLVENT RESISTANCE :		Excellent	
DIELECTRIC BREAKDOWN :	kV		ASTM D-1000
INSULATION RESISTANCE :	ohm		JIS C 2336
STORAGE CONDITION :		73°F, 65% R.H.	

Remark : If the temperature is over 260°C, the material will soften. Therefore, it is applied to non-tensile strength surface when 300°C.

Shelf Life : 6 months when storage at 23°C and 65% relative humidity

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