

TECHNICAL DATA

POLYESTER FILM TAPE

Product Code: 1P9FR

P. Leo & Co (B. C.) Ltd.

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UL FILE #E126174

Description: 1P9FR is a 1-mil thick polyester film coated with a pressure sensitive Acrylic adhesive high dielectric strength, comfortable, tough and thin. This product complies with the flame Retardancy requirements of UL 510.

Application: Excellent for use in electric application, such as outer wrapping on capacitors and coils, holding transformer construction, harness wrap and so on. It is used as insulation material of class B.

Technical Details:

PROPERTIES	UNIT	SPECIFICATION
COLOR	-	*see below
TOTAL THICKNESS	mm	0.055±0.0055
TENSILE STRENGTH	kg/25mm	9
ELONGATION	%	70
ADHESION TO STEEL	kg/25mm	0.8
UNWIND FORCE	kg/25mm	0.3 to 0.5
DIELECTRIC BREAKDOWN	kV	4
TEMPERATURE CLASS	°C	130
INSULATION RESISTANCE	ohm	1x10 ¹²
ELECTROLYTIC CORROSION		
CORROSIVE FACTOR	-	0.98

***Color:** RD = red YE = yellow BL = blue
GR = green BK = black WH = white

Test Method: In accordance with ASTM method

Shelf Life: 6 months when storage at 73F and 65% relative humidity

Availability: Standard 50M roll, 3" core, width 590mm

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