

TECHNICAL DATA



COMPOSITE TAPE

Product Code: 1H818

(THICKNESS 0.45mm)

P. LEO & CO LTD

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UL FILE #E126174

Description : 1H818 is thicker version of 1H866, composed of polyester film reinforced/laminated with polyester non-woven coated with acrylic adhesive. UL recognized, temperature rating up to 155 °C, and CTI grade PLC=0 as Group I material.

Features/Benefits : It is excellent solvent resistance with quick grab property, as well as outstanding adhesion. Its flexibility of backing materials, enables easy manual or machine applications.

Application : Ideal insulating material for the fabrication of transformers.

<u>PROPERTIES</u>	<u>UNITS</u>	<u>SPECIFICATION</u>
TOTAL THICKNESS	mm	0.45 ± 0.03
TENSILE STRENGTH	kg/25mm(lb/in)(N/10mm)	15(32.5)(58.8)
ELONGATION	%	40
ADHESION TO STEEL	kg/25mm(oz/in)(N/10mm)	1.5(52)(5.88)
DIELECTRIC BREAKDOWN	kV	5
INSULATION RESISTANCE	ohm	1 x 10 ¹²
CORROSION FACTOR	Wire Tensile	1.0
TEMPERATURE RATING	°C	155

Color : White

Test Method : In accordance with ASTM-D-1000 method

Availability : Standard 30M roll, 3" core, width 960mm

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

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