

TECHNICAL DATA

COMPOSITE TAPE

Product Code: 1H81B

P. LEO & CO LTD

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UL FILE #E126174

Description : 1H81B PET film with non-woven polyester reinforced fibers with acrylic adhesive. UL recognized, temperature rating up to 155 °C.

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.

| Technical Details : | <u>PROPERTIES</u> | <u>UNITS</u> | <u>SPECIFICATION</u> |
|---------------------|-----------------------|------------------------|----------------------|
| | TOTAL THICKNESS | mm(mil) | 0.11 ± 0.01(4.4) |
| | TENSILE STRENGTH | kg/25mm(lb/in)(N/25mm) | 15(33)(147) |
| | ELONGATION | % | 64 |
| | ADHESION TO STEEL | kg/25mm(oz/in)(N/25mm) | 1.5(53)(14.7) |
| | DIELECTRIC BREAKDOWN | kV | 5.7 |
| | INSULATION RESISTANCE | ohm | 1 x 10 ¹² |
| | TEMPERATURE RATING | °C | 155 |

Color : Black

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

Availability : Standard 90M roll, 3” core, width 960mm

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

Important Notice to Purchase

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