

TECHNICAL DATA

NOMEX ARAMID PAPER TAPE

Product Code: 1N008

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

150-12820 Clarke Place, Richmond, B.C. V6V 2H1, Canada

Telephone : (604)270-6115 * Facsimile : (604)538-2909 * E-mail : sales@pleo.com

Web Site : <http://www.pleo.com>



UL FILE #E126174

Description: 1N008 is a 0.05mm and 0.075mm thick NOMEX® paper coated with Acrylic based adhesive, excellent Solvent resistant, and flame retardant.

Application: For use in construction of transformers and electric motors, coil wrapping, capacitors, insulation of electrical parts which are to be impregnated and baked. Excellent varnish absorbstivity. It is used as insulation material of class F.

Technical Details:

| <u>PROPERTIES</u> | <u>UNIT</u> | <u>SPECIFICATION</u> |
|-----------------------|-------------|-----------------------|
| COLOR | - | white |
| TOTAL THICKNESS | mm | 0.08 and 0.12 ± 0.012 |
| TENSILE STRENGTH | kg/25mm | 12 min |
| ELONGATION | % | 5 min |
| ADHESION TO STEEL | kg/25mm | 1.0 min |
| UNWIND FORCE | kg/25mm | 0.25 |
| DIELECTRIC BREAKDOWN | kV | 2.5 |
| TEMPERATURE CLASS | °C | 155 |
| INSULATION RESISTANCE | ohm | 1.75x10 ⁸ |

*NOMEX is a registered trademark of DUPONT

Test Method: In accordance with ASTM method

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

Availability: Standard 50M roll, 3" core, width 870 mm

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