

TECHNICAL DATA

PEN (Polyethylene Naphthalate) TAPE

Product Code: 1PEN2



P. Leo & Co Ltd

Email : sales@bcwire.net



Description : 1PEN2 PEN Electrical Insulating Tape is made by Teonex® Q5100 Polyethylene naphthalate (PEN) film can perform an excellent thermal property at 180° C. It is superior in almost all field of applications. It exhibits higher temperature rating, better dimensional stability after heating, better hydrolytic resistance and excellent oxygen permeability.

Application : For use in high performance electrical applications, used on high-temperature coils, such as in traction machine manufacturing, in the production of generators, capacitors, transformers etc. PEN Tape can be applied as major insulation in Class F 155 °C, Class H 180 °C and Class N 200 °C Electrical Insulation System.

Technical Details :	<u>PROPERTIES</u>	<u>UNIT</u>	<u>SPECIFICATION</u>
	COLOR	-	Transparent or Black
	TOTAL THICKNESS	mm	0.055 ± 0.005
	TENSILE STRENGTH	kg/25mm	12
	ELONGATION	%	90
	ADHESION TO STEEL	kg/25mm	0.6
	DIELECTRIC BREAKDOWN	kV	6
	TEMPERATURE RATED	°C	155

Test Method : In accordance with ASTM D-1000 method

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

Availability : Standard Length 50M per roll, 3" core, width from 2mm to 1,000 mm

Teonex® is a registered trademark of Teijin DuPont Films

P. LEO® is a registered trademark of P. Leo & Co., Ltd.

Important Notice to Purchase

All Statements, technical information and recommendations contained herein are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed and the following is made in lieu of all warranties, express or implied: Seller's and manufacturer's only obligation shall be to replace such quantity of the product of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury loss or damage direct or consequential arising out of the use of or *he inability to use the product. Before using users shall determine the suitability of the product for their intended uses and users assume all risk and liability whatsoever in connection there with.

No statement or recommendation not contained herein shall have any force or effect unless in an agreement signed by officers of Seller and manufacturer.

