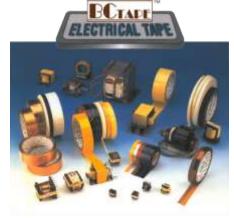
TECHNICAL DATA

PEN (Polyethylene Naphthalate) TAPE **Product Code: 1PN3R** (Flame Retardant)





W UL File No. E126174

Description :	P.LEO # 1PN3R PEN Electrical Insulating Tape is make by Teonex® Q51 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. This product complies with the <u>flame Retardant</u> requirements of UL 510.		
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 in Class F 155°C, Class H 180°C and Class N 200°C Electrical Insulation System.		
Technical Details :	<u>PROPERTIES</u> TOTAL THICKNESS TENSILE STRENGTH ELONGATION ADHESION TO STEEL DIELECTRIC BREAKDOWN TEMPERATURE RATING	<u>UNITS</u> mm kg/25mm % kg/25mm Kv °C	$\frac{\text{SPECIFICATION}}{0.055 \pm 0.005} \\ 13 \\ 80 \pm 30 \\ 0.95 \\ 6 \\ 155$
Color :	WH = white		
Test Method :	In accordance with <u>ASTM</u> method		
Shelf Life :	6 months when storage at 73°F and 65% relative humidity		
Availability :	Standard 50 Meter roll, 3" core, width 960mm		

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