



NEPTAPE® Data Sheet

Core Wrap / Separator Tapes NEPTAPE® NT300

Construction: 0.00310" (79μ) Nomex® aramid paper

Description: High temperature aramid paper which wraps and binds conductors, separating them from cable fillers and jacketing materials.

Typical Properties	US Customary	Metric	Test Method
Thickness	0.0031 inches	79 microns	ASTM D374
Yield	75.8 ft ² /lb 1.10 lbs/mft @ 1" wide	15.5 m ² /kg 0.64 kg/km @ 10mm wide	NEPTCO TM-002
Tensile Strength	11,800 psi	81 MPa	Calculated
Break Strength	37 lbs/in width	65 N/10mm width	ASTM D882
Elongation at Break	8%	8%	ASTM D882
Dielectric Strength of Film	0.5 kV	0.5 kV	Supplier Data
Dielectric Constant of Film	1.6 (dimensionless)	1.6 (dimensionless)	Supplier Data
Density	NA	0.80 g/cm ³	Calculated
Max. Continuous Operating Temperature	440°F	225°C	Supplier Data
Sealing Temperature	NA	NA	NEPTCO TM-008
Splice Type	#9, max. 6/pad or max. 1/1000' for traverse packages		
Standard Pad Put-ups	Core ID - 3" or 6" Pad OD - 12" or 18"		
Standard Traverse Put-ups	3" x 5.75" x 3.5" - narrow slit material 3" x 11" x 3"		

*ASTM Test Methods are listed for reference only. Actual testing performed according to modified equipment and conditions. Specific test methods available upon request.

The data presented here is intended for product selection purposes only. Typical properties represent data characteristics of the product, but do not necessarily reflect minimum values during normal testing. Specification data can be provided upon request.

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