



NEPTAPE® Data Sheet

Core Wrap / Separator Tapes NEPTAPE® 6310

Construction: 0.00092" (23μ) polyester film
0.00050" (13μ) pressure sensitive adhesive

Description: Pressure sensitive binding and insulating tape which is typically used in multiconductor cable to protect conductors from cable filling materials and jacketing compounds.

Typical Properties	US Customary	Metric	Test Method
Thickness	0.0014 inches	36 microns	ASTM D374
Yield	106.0 ft ² /lb 0.79 lbs/mft @ 1" wide	21.7 m ² /kg 0.46 kg/km @ 10mm wide	NEPTCO TM-002
Tensile Strength	19,400 psi	134 MPa	Calculated
Break Strength	28 lbs/in width	48 N/10mm width	ASTM D882
Elongation at Break	115%	115%	ASTM D882
Dielectric Strength of Film	4.0 kV	4.0 kV	Supplier Data
Dielectric Constant of Film	3.0 (dimensionless)	3.0 (dimensionless)	Supplier Data
Density	NA	1.30 g/cm ³	Calculated
Max. Continuous Operating Temperature	220°F	105°C	Supplier Data
Sealing Temperature	NA	NA	NEPTCO TM-008
Splice Type	#6, max. 6/pad.		
Standard Pad Put-ups	Core ID - 3" or 6" Pad OD - 12" or 18"		
Standard Traverse Put-ups	NA		

*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.