



NEPTAPE® Data Sheet

Core Wrap / Separator Tapes NEPTAPE® PP500

Construction: 0.00520" (132 μ) foamed polypropylene film

Description: Cost effective, foamed polypropylene slit film which wraps and binds conductors, separating them from cable fillers.

Typical Properties	US Customary	Metric	Test Method
Thickness	0.0052 inches	132 microns	ASTM D374
Yield	69.8 ft ² /lb 1.19 lbs/mft @ 1" wide	14.3 m ² /kg 0.70 kg/km @ 10mm wide	NEPTCO TM-002
Tensile Strength	15,000 psi	103 MPa	Calculated
Break Strength	77 lbs/in width	135 N/10mm width	ASTM D882
Elongation at Break	41%	41%	ASTM D882
Dielectric Strength of Film	NA	NA	Supplier Data
Dielectric Constant of Film	NA	NA	Supplier Data
Density	NA	0.55 g/cm ³	Calculated
Max. Continuous Operating Temperature	200°F	95°C	Supplier Data
Sealing Temperature	NA	NA	NEPTCO TM-008
Splice Type	#22, 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.