



## NEPTAPE® Data Sheet

### Core Wrap / Separator Tapes NEPTAPE® PB100

**Construction:** 0.00090" (23 $\mu$ ) biaxially oriented polypropylene film

**Description:** High yield slit film which wraps and binds conductors, separating them from cable fillers.

Typical Properties	US Customary	Metric	Test Method
Thickness	0.0009 inches	23 microns	ASTM D374
Yield	236.0 ft <sup>2</sup> /lb 0.35 lbs/mft @ 1" wide	48.3 m <sup>2</sup> /kg 0.21 kg/km @ 10mm wide	NEPTCO TM-002
Tensile Strength	26,700 psi	184 MPa	Calculated
Break Strength	24 lbs/in width	42 N/10mm width	ASTM D882
Elongation at Break	83%	83%	ASTM D882
Dielectric Strength of Film	3.8 kV	3.8 kV	Supplier Data
Dielectric Constant of Film	2.0 (dimensionless)	2.0 (dimensionless)	Supplier Data
Density	NA	0.91 g/cm <sup>3</sup>	Calculated
Max. Continuous Operating Temperature	200°F	95°C	Supplier Data
Sealing Temperature	NA	NA	NEPTCO TM-008
Splice Type	#5, 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.