



## NEPTAPE® Data Sheet

# Core Wrap / Separator Tapes NEPTAPE® M300

**Construction:** 0.00300" (76μ) polyester film

**Description:** Slit film which wraps and binds conductors, separating them from cable fillers and jacketing materials.

Typical Properties	US Customary	Metric	Test Method
Thickness	0.0030 inches	76 microns	ASTM D374
Yield	45.9 ft <sup>2</sup> /lb 1.82 lbs/mft @ 1" wide	9.4 m <sup>2</sup> /kg 1.06 kg/km @ 10mm wide	NEPTCO TM-002
Tensile Strength	26,100 psi	180 MPa	Calculated
Break Strength	77 lbs/in width	135 N/10mm width	ASTM D882
Elongation at Break	154%	154%	ASTM D882
Dielectric Strength of Film	10.0 kV	10.0 kV	Supplier Data
Dielectric Constant of Film	3.0 (dimensionless)	3.0 (dimensionless)	Supplier Data
Density	NA	1.40 g/cm <sup>3</sup>	Calculated
Max. Continuous Operating Temperature	220°F	105°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.