



Core Wrap / Separator Tapes

NEPTAPE® M100E

Construction: 0.00092" (23μ) polyester film
0.00010" (3μ) fusible olefin adhesive coating

Description: Heat sealable, slit film which wraps and binds conductors, separating them from cable fillers.
Heat sealable to polyethylene and aluminum.

Typical Properties	US Customary	Metric	Test Method
Thickness	0.001 inches	25 microns	ASTM D374
Yield	142.58 ft ² /lb 0.58 lbs/mft @ 1" wide	29.20 m ² /kg 0.34 kg/km @ 10mm wide	NEPTCO TM-002
Tensile Strength	26,000 psi	179 MPa	Calculated
Break Strength	26 lbs/in width	46 N/10mm width	ASTM D882
Elongation at Break	121%	121%	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	1.35 g/cm ³	Calculated
Max. Continuous Operating Temperature	175°F	80°C	Supplier Data
Sealing Temperature	210-240°F	100-115°C	NEPTCO TM-008
Colors	Clear		
Splice Type	#4, max. 5/pad for < 22" OD or max. 6/pad for > 22" OD 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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