



NEPTAPE® Data Sheet

Coated / Fusible Shielding Tapes NEPTAPE® 1184

Construction: 0.00020" (5μ) PVC heat seal coating
0.00092" (23μ) polyester film
0.00100" (25μ) aluminum foil

Description: Fusible two ply tape typically used as an outer shield in tri-shield (tape/braid/tape) cable constructions. Fuses to overextruded PVC jackets.

Typical Properties	US Customary	Metric	Test Method
Thickness	0.0022 inches	56 microns	ASTM D374
Yield	45.6 ft ² /lb 1.83 lbs/mft @ 1" wide	9.3 m ² /kg 1.07 kg/km @ 10mm wide	NEPTCO TM-002
Tensile Strength	12,900 psi	89 MPa	Calculated
Break Strength	28 lbs/in width	49 N/10mm width	ASTM D882
Elongation at Break	90%	90%	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	1.92 g/cm ³	Calculated
Max. Continuous Operating Temperature	175°F	80°C	Supplier Data
Sealing Temperature	375-410°F	190-210°C	NEPTCO TM-008
Electrical Resistance	15 Ω/mft @ 1" wide	125 Ω/km @ 10mm wide	Supplier Data
Colors	Natural (Clear)/Blue - Other colors available upon request.		
Splice Type	#53, 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.