



NEPTAPE® Data Sheet

Low Smoke Shielding Tapes NEPTAPE® FIREFITE® LS1010

Construction: 0.00048" (12μ) polyolefin film
0.00100" (25μ) aluminum foil

Description: General purpose, high yield, low smoke shielding tape with superior conformal characteristic.

Typical Properties	US Customary	Metric	Test Method
Thickness	0.0016 inches	41 microns	ASTM D374
Yield	59.0 ft ² /lb 1.41 lbs/mft @ 1" wide	12.1 m ² /kg 0.83 kg/km @ 10mm wide	NEPTCO TM-002
Tensile Strength	10,600 psi	73 MPa	Calculated
Break Strength	17 lbs/in width	30 N/10mm width	ASTM D882
Elongation at Break	20%	20%	ASTM D882
Dielectric Strength of Film	0.7 kV	0.7 kV	Supplier Data
Dielectric Constant of Film	2.0 (dimensionless)	2.0 (dimensionless)	Supplier Data
Density	NA	2.02 g/cm ³	Calculated
Electrical Resistance	15 Ω/mft @ 1" wide	125 Ω/km @ 10mm wide	Supplier Data
Colors	White		
Splice Type	#28, 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.