



NEPTAPE® Data Sheet

Low Smoke Shielding Tapes

NEPTAPE® FIREFITE® LS1015

Construction: 0.00048" (12μ) polyolefin film
0.00150" (38μ) aluminum foil

Description: Low smoke shielding tape for ANSI/IEEE 802.5 network cables and shielded Category 5 and evolving Category 6 standards. For use in plenum cable (CMP, MPP) applications.

Typical Properties	US Customary	Metric	Test Method
Thickness	0.0021 inches	53 microns	ASTM D374
Yield	41.9 ft ² /lb 1.99 lbs/mft @ 1" wide	8.6 m ² /kg 1.17 kg/km @ 10mm wide	NEPTCO TM-002
Tensile Strength	11,100 psi	77 MPa	Calculated
Break Strength	23 lbs/in width	40 N/10mm width	ASTM D882
Elongation at Break	18%	18%	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	2.19 g/cm ³	Calculated
Electrical Resistance	12 Ω/mft @ 1" wide	100 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.