

NEPTAPE® LS1020 Low Smoke Shielding Tape

CONSTRUCTION 0.00055" (14μ) Polyolefin Film
0.002" (50μ) Aluminum Foil

DESCRIPTION Low smoke shielding tape for ANSI/IEEE 802.5 network cables Type I and II.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.0027 inches	69 Microns	ASTM D374
Yield	32.54 sq ft/lb. 2.56 lbs/mft @ 1" wide	6.66 sq m/kg 1.50 kg/km @ 10mm wide	NEPTCO TM-002
Tensile Strength	8,700 psi	60 MPa	Calculated
Break Strength	23.56 lbs./inch width	41 N/10mm width	ASTM D882
Elongation at Break	12%	12%	ASTM D882
Dielectric Strength of Film		0.8 kV	Supplier Data
Dielectric Constant of Film	2.0 (Dimensionless)	2.0 (Dimensionless)	Supplier Data
Density		2.19 g/cc	Calculated
Electrical Resistance	8 Ω/mft@ 1" Wide	67 Ω/km @ 10mm Wide	Supplier Data
Colors	Natural / Clear		
Splice Type	#59, max. 5/pad for < 22" OD or max. 6/pad for > 22" OD Max. 1/1000 ¹ 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. No warranty is expressed or implied by this information. Specification data can be provided upon request.

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