



## Coated / Fusible Shielding Tapes NEPTAPE® 5315SL

**Construction:** 0.00092” (23μ) polyester film  
0.00150” (38μ) aluminum foil

**Description:** Self-lubricating shielding tape used for ANSI/IEEE 802.5 network cables Type I and II and as an overall shield for TIA “Category” type LAN cables. Ideal for manufacturing situations where tape breaks and scuffing caused by metallic tooling or high run-rates are a concern.

Typical Properties	US Customary	Metric	Test Method
Thickness	0.0025 inches	64 microns	ASTM D374
Yield	35.2 ft <sup>2</sup> /lb 2.37 lbs/mft @ 1" wide	7.21 m <sup>2</sup> /kg 1.39 kg/km @ 10mm wide	NEPTCO TM-002
Tensile Strength	14,000 psi	97 MPa	Calculated
Break Strength	35 lbs/in width	61 N/10mm width	ASTM D882
Elongation at Break	15%	15%	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	2.19 g/cm <sup>3</sup>	Calculated
Max. Continuous Operating Temperature	175°F	80°C	Supplier Data
Sealing Temperature	NA	NA	NEPTCO TM-008
Electrical Resistance	12 Ω/mft @ 1" wide	100 Ω/km @ 10mm wide	Supplier Data
Colors	Blue - Other colors available upon request.		
Splice Type	#37, max. 5/pad for < 22" OD or 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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