



Coated / Fusible Shielding Tapes NEPTAPE® 5012SL SLICKTAPE®

Construction: 0.00048” (12μ) polyester film
 0.00200” (50μ) aluminum foil
 0.00010” (3μ) micro-encapsulated self-lubricating adhesive

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	0.0026 inches	66 microns	ASTM D374
Yield	30.96 ft ² /lb 2.69 lbs/mft @ 1" wide	6.34 m ² /kg 1.58 kg/km@ 10mm wide	NEPTCO TM-002
Tensile Strength	12,700 psi	88 MPa	Calculated
Break Strength	33 lbs/in width	58 N/10mm width	ASTM D882
Elongation at Break	18%	18%	ASTM D882
Dielectric Strength of Film	2.8 kV	2.8 kV	Supplier Data
Dielectric Constant of Film	3.0 (dimensionless)	3.0 (dimensionless)	Supplier Data
Density	NA	2.39 g/cm ³	Calculated
Max. Continuous Operating Temperature	175°F	80°C	Supplier Data
Sealing Temperature	NA	NA	NEPTCO TM-008
Electrical Resistance	7 Ω/mft @ 1" wide	58 Ω/km @ 10mm wide	Supplier Data
Colors	Clear, Blue - Other colors available upon request.		
Splice Type	#37, 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.