

SHIELDING TAPE - Standard Film/Foil Laminates

NEPTAPE® 719

Construction: 0.000750" (19μ) polyester film
0.000285" (7μ) aluminum

Description: General purpose shielding laminate that offers moderate tensile strength and a light gauge foil. This laminate can be used for basic shielding applications for EIN, LAN or Coax designs.

Typical Properties	US Customary	Metric	Test Method
Thickness	0.0011 inches	28 microns	ASTM D374
Yield	101.6 ft ² /lb 0.82 lbs/mft @ 1" wide	20.81 m ² /kg 0.48 kg/km @ 10mm wide	NEPTCO TM-002
Tensile Strength	22,700 psi	157 MPa	Calculated
Break Strength	25 lbs/in width	44 N/10mm width	ASTM D882
Elongation at Break	75%	75%	ASTM D882
Dielectric Strength of Film	3.5 kV	3.5 kV	Supplier Data
Dielectric Constant of Film	3.0 (dimensionless)	3.0 (dimensionless)	Supplier Data
Density	NA	1.72 g/cm ³	Calculated
Max. Continuous Operating Temperature	220°F	105°C	Supplier Data
Electrical Resistance	52 Ω/mft @ 1" wide	430 Ω/km @ 10mm wide	Supplier Data
Colors	Natural/Clear (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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