



NEPTAPE® Data Sheet

SHIELDING TAPE - Standard Foil/Film/Foil Laminates NEPTAPE® 9199

Construction: 0.00035" (9μ) aluminum foil
0.00075" (19μ) polyester film
0.00035" (9μ) aluminum foil

Description: High tensile strength shielding laminate typically used as an outer shield in CATV drop wire and LAN cable.

Typical Properties	US Customary	Metric	Test Method
Thickness	0.0016 inches	41 microns	ASTM D374
Yield	61.7 ft ² /lb 1.35 lbs/mft @ 1" wide	12.64 m ² /kg 0.79 kg/km @ 10mm wide	NEPTCO TM-002
Tensile Strength	15,700 psi	108 MPa	Calculated
Break Strength	28 lbs/in width	49 N/10mm width	ASTM D882
Elongation at Break	89%	89%	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	1.94 g/cm ³	Calculated
Electrical Resistance	21 Ω/mft @ 1" wide	175 Ω/km @ 10mm wide	Supplier Data
Colors	Natural/Clear		
Splice Type	#53, 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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