



NEPTAPE® Data Sheet

SHIELDING TAPE - Standard Film/Foil Laminates NEPTAPE® PF150

Construction: 0.00090" (23μ) polypropylene film
0.00035" (9μ) aluminum foil

Description: General purpose, high yield shielding tape with excellent conformal characteristics typically used for shielding twisted pairs.

Typical Properties	US Customary	Metric	Test Method
Thickness	0.0014 inches	36 microns	ASTM D374
Yield	104.0 ft ² /lb 0.80 lbs/mft @ 1" wide	21.3 m ² /kg 0.47 kg/km @ 10mm wide	NEPTCO TM-002
Tensile Strength	18,500 psi	128 MPa	Calculated
Break Strength	26 lbs/in width	45 N/10mm width	ASTM D882
Elongation at Break	112%	112%	ASTM D882
Dielectric Strength of Film	3.8 kV	3.8 kV	Supplier Data
Dielectric Constant of Film	2.0 (dimensionless)	2.0 (dimensionless)	Supplier Data
Density	NA	1.32 g/cm ³	Calculated
Electrical Resistance	42 Ω/mft @ 1" wide	350 Ω/km @ 10mm wide	Supplier Data
Colors	Natural (Clear)/Blue/Red/Gold/Green - Other colors available upon request.		
Splice Type	#11, 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.