



NEPTAPE® Data Sheet

High Temperature Shielding Tapes NEPTAPE® 1526

Construction: 0.00035" (9μ) aluminum
0.00100" (25μ) polyimide film
0.00035" (9μ) aluminum

Description: High temperature laminate typically used to shield military coax and aircraft cables.

Typical Properties	US Customary	Metric	Test Method
Thickness	0.0018 inches	46 microns	ASTM D374
Yield	55.71 ft ² /lb 1.50 lbs/mft @ 1" wide	11.41 m ² /kg 0.88 kg/km 10m	NEPTCO TM-002
Tensile Strength	22,200 psi	153 MPa	Calculated
Break Strength	40 lbs/in width	70 N/10mm	ASTM D882
Elongation at Break	79%	79%	ASTM D882
Dielectric Strength of Film	6.0 kV	6.0 kV	Supplier Data
Dielectric Constant	3.9 (dimensionless)	3.9 (dimensionless)	Supplier Data
Density	NA	1.82 g/cm ³	Calculated
Electrical Resistance	21 Ω/mft @ 1"wide	175 Ω/km @ 10mm wide	Supplier Data
Colors	Natural (Clear)		
Splice Type	#12, 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" 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.