



## POWERLINE® Cloth Tapes

### NEPTAPE® NTS117

**Construction:** Semi-conductive impregnated woven polyester fabric

**Description:** Semi-conductive impregnated woven polyester fabric. This product is used for binding and/or identification purposes. It is often employed as a separation layer. Polyester products of this thickness are commonly used to replace cotton based tapes.

Typical Properties	US Customary	Metric	Test Method
Thickness	0.004 inches	102 microns	NEPTCO TM-166
Yield	54 ft <sup>2</sup> /lb 1.54 lbs/mft @ 1" wide	11.06 m <sup>2</sup> /kg 0.90 kg/km @ 10mm wide	NEPTCO TM-002
Tensile Strength	14,300 psi	99 MPa	Calculated
Break Strength	57 lbs/in width	100 N/10mm width	ASTM D882
Elongation at Product Break	20%	20%	ASTM D882
Surface Resistance		1,500 Ω per square	DIN IEC 167
Volume Resistance		1 x 10 <sup>5</sup> Ω·cm	DIN 54345
Short Term Stability	446°F	230°C	Supplier Data
Long Term Stability	293°F	145°C	IEC 216
Colors	Black		
Splice Type	#51, 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.**

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