NEPTAPE® Data Sheet

POWERLINE® Cloth Tapes
NEPTAPE® NTS119

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, or where protection and heavy duty binding are required. Polyester products of this thickness are commonly used to replace cotton based tapes.

Typical Properties	US Customary	Metric	Test Method
Thickness	0.008 inches	203 microns	NEPTCO TM-166
Yield	28.5 ft^2/lb 2.92 lbs/mft @ 1" wide	5.84 m^2/kg 1.71 kg/km @ 10mm wide	NEPTCO TM-002
Tensile Strength	16,300 psi	112 MPa	Calculated
Break Strength	130 lbs/in width	228 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 10^5 Ω·cm	DIN 54345
Short Term Stability	446ºF	230ºC	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.

NEPTCO, Incorporated
Box 2323, 30 Hamlet Street
Pawtucket, RI 02861-0323 USA
TEL: 401-722-5500
FAX: 401-722-6378
www.neptco.com

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