



POWERLINE® Cloth Tapes

NEPTAPE® NTS311

Construction: Semi-conductive impregnated woven nylon fabric

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

Typical Properties	US Customary	Metric	Test Method
Thickness	0.005 inches	127 microns	NEPTCO TM-166
Yield	49 ft ² /lb 1.7 lbs/mft @ 1" wide	10.04 m ² /kg 1.0 kg/km @ 10mm wide	NEPTCO TM-002
Tensile Strength	16,400 psi	113 MPa	Calculated
Break Strength	82 lbs/in width	144 N/10mm width	ASTM D882
Elongation at Product Break	40%	40%	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	410°F	210°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.

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