



POWERLINE® Cloth Tapes

NEPTAPE® NGC20

Construction: Semi-conductive nonwoven polyester material

Description: Semi-conductive impregnated nonwoven polyester fabric that is often employed as a separation layer between cable core and insulation, or under metal shields. Polyester products of this thickness are commonly used to replace traditional cotton based tapes.

Typical Properties	US Customary	Metric	Test Method
Thickness	0.008 inches	203 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	4,300 psi	30 MPa	Calculated
Break Strength	34 lbs/in width	60 N/10mm width	ASTM D882
Elongation at Product Break	12%	12%	ASTM D882
Surface Resistance		1,500 Ω per square	DIN IEC 167
Volume Resistance		1 x 10 ⁶ Ω·cm	DIN 54345
Short Term Stability	446°F	230°C	Supplier Data
Long Term Stability	194°F	90°C	IEC 216
Colors	Black		
Splice Type	#54, 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