



POWERLINE® Water Blocking Tapes

NEPTAPE® NDS415

Construction: Semi-conductive woven polyester with superabsorbent coating on both sides.

Description: Semi-conductive water blocking tape typically used under the metallic shield of power cables.

Typical Properties	US Customary	Metric	Test Method
Thickness	0.0118 in. ± 0.0018 in.	0.3 mm ± .04 mm	ISO 9073-2
Mass per Unit Area	6.78 osy ± .68 osy	230 gsm ± 23 gsm	ISO 9073-1
Tensile at Break	131 lbs/in. width min.	229 N/10 mm width min.	ISO 9073-3
Elongation at Product Break	20%	20%	ISO 9073-3
Swell Speed (1 min)		NA	Cup & Ram Test
Swell Height (10 min)		8 mm	Cup & Ram Test
Short Term Stability	446°F	230°C	Supplier Data
Long Term Stability	194°F	90°C	IEC 216
Surface Resistance		2,000 Ω per square	DIN IEC 167
Volume Resistance		1 x 10 ⁶ Ω-cm	DIN 54345
Colors	Black		
Splice Type	Overlap		
Standard Pad Put-ups	Core ID - 3" or 6" Pad OD - 22"		
Standard Traverse Put-ups	Spool OD - 12" Traverse Length - 12"		



NEPTCO only warrants that its product will work in a manner consistent with the capabilities for which they were designed. This warranty shall be void if the product has been tampered with or improperly used.

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