



# AquaBlok® Water Blocking Tapes

## NEPTAPE® NGD325

**Construction:** Superabsorbent powder sandwiched between two layers of semi-conductive nonwoven polyester

**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. ± 0.0012 in.	0.30 mm ± .03 mm	ISO 9073-2
Mass per Unit Area	5.01 osy ± .42 osy	120 gsm ± 10 gsm	ISO 9073-1
Tensile at Break	17 lbs/in. width min.	30 N/10 mm width min.	ISO 9073-3
Elongation at Product Break	12%	12%	ISO 9073-3
Swell Speed (1 min)		8 mm	Cup & Ram Test
Swell Height (3 min)		12 mm	Cup & Ram Test
Surface Resistance		1,500 Ω per square	DIN IEC 167
Volume Resistance		1 x 10 <sup>6</sup> 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 - 22"		
Standard Traverse Put-ups	Spool OD - 12" Traverse Length - 12"		



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