



## Shielding Tape — Standard Film/Foil Laminates

### NEPTAPE® 123812

**Construction:** 0.00048" (12  $\mu$ ) Polyester Film  
0.0015" (38  $\mu$ ) Aluminum  
0.00048" (12  $\mu$ ) Polyester Film

**Description:** Polyester/aluminum/polyester laminate, used for shielding or as a vapor barrier in cable applications.

TYPICAL PROPERTIES	English	Metric	Test Method
Overall Thickness	0.0027 inches	69 microns	ASTM D374
Yield	34.5 sq ft/lb	7.07 sq m/kg	NEPTCO
	2.42 lbs/mft @ 1" wide	1.42 kg/km @ 10 mm wide	TM-002
Tensile Strength	13,600 psi	94 MPa	Calculated
Break Strength	36.75 lbs/in. width	64 N/10mm width	ASTM D882
Elongation at Product Break	50 %	50 %	ASTM D882
Dielectric Strength (Film)	2.8 kV	2.8 kV	Supplier Data
Dielectric Constant (Film)	3.0	3.0	Supplier Data
Density	N/A	2.07 g/cc	Calculated
Max. Continuous Operating Temp	175 °F	80 °C	Supplier Data
Sealing Temperature	N/A	N/A	NEPTCO TM 008
Electrical Resistance	12 ohms/mft @ 1" wide	100 ohms/km @ 10 mm wide	Supplier Data
Colors	Blue, White		
Splice Type	#40, 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"		



Please review supplier information before handling and / or using this product.

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