



Coated / Fusible Shielding Tapes

NEPTAPE® 1069F7

Construction: 0.00070" (18μ) EAA film
0.00092" (23μ) polyester film
0.00035" (9μ) aluminum foil

Description: Fusible three ply shielding tape which bonds to a polyethylene core and to itself at overlap.

Typical Properties	US Customary	Metric	Test Method
Thickness	0.0021 inches	53 microns	ASTM D374
Yield	62.69 ft ² /lb 1.33 lbs/mft @ 1" wide	12.84 m ² /kg 0.78 kg/km @ 10mm wide	NEPTCO TM-002
Tensile Strength	16,200 psi	112 MPa	Calculated
Break Strength	34 lbs/in width	60 N/10mm width	ASTM D882
Elongation at Break	135%	135%	ASTM D882
Dielectric Strength of Film	4.0 kV	4.0 kV	Supplier Data
Dielectric Constant of Film	3.0 (dimensionless)	3.0 (dimensionless)	Supplier Data
Density	NA	1.46 g/cm ³	Calculated
Max. Continuous Operating Temperature	175°F	80°C	Supplier Data
Sealing Temperature	210-240°F	100-115°C	NEPTCO TM-008
Electrical Resistance	42 Ω/mft @ 1" wide	350 Ω/km @ 10mm wide	Supplier Data
Colors	Blue tint on fusible side		
Splice Type	#53, 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.

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