Coated / Fusible Shielding Tapes
NEPTAPE® 1669F7

Construction:

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

Description:

- Three-ply fusible shield which bonds to PE and itself - interior heat-resistant adhesive for direct extrusion

Typical Properties	English	Metric	Test Method
Overall 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 Product Break	135%	135%	ASTM D882
Dielectric Strength of Film	4.0 k V	4.0 k V	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

PLEASE SEE REVERSE SIDE FOR ADDITONAL INFORMATION

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Typical Properties	
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.