

Coated / Fusible Shielding Tapes

NEPTAPE® 1426F7

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

Description: Fusible HIGH-DRAW® shielding laminate which offers exceptional draw characteristics (virtually eliminating foil breakup or "pinholes") and that bonds to a polyethylene core and to itself at the overlap. Provides resilient shielding in active cable assemblies and where tapes undergo mechanical strain during cable manufacture.

Typical Properties	US Customary	Metric	Test Method
Thickness	0.0025 inches	64 microns	ASTM D374
Yield	48.0 ft ² /lb 1.74 lbs/mft @ 1" wide	9.83 m ² /kg 1.02 kg/km @ 10mm wide	NEPTCO TM-002
Tensile Strength	13,200 psi	91 MPa	Calculated
Break Strength	37 lbs/in width	64 N/10mm width	ASTM D882
Elongation at Break	107%	107%	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	1.60 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	21 Ω/mft @ 1" wide	175 Ω/km @ 10mm wide	Supplier Data
Colors	Blue tint on fusible side		
Splice Type	#11, 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.

Rev. 8/05

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HIGH-DRAW is a registered trademark of NEPTCO, Incorporated.

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