NEPTCO Incorporated

NEPTAPE® Data Sheet

Coated / Fusible Shielding Tapes
NEPTAPE® 1129

Construction: 0.00035” (9µ) aluminum foil
0.00092” (23µ) polyester film
0.00200” (51µ) aluminum foil
0.00012” (3µ) CHECKERBOARD® EAA coating

Description: Patented three ply shielding tape with patterned CHECKERBOARD® fusible coating bonds to polyethylene foam cable core, providing positive sealing at the tape overlap, contact between the shielding tape and the drain wire, and simplified peel back for connectors. Specified for IEEE 802.3 thin LAN coax cables.

Typical Properties	US Customary	Metric	Test Method
Thickness	0.0037 inches	94 microns	ASTM D374
Yield	24.2 ft²/lb 3.44 lbs/mft @1" wide	5.0 m²/kg 2.02 kg/km@10mm wide	NEPTCO TM-002
Tensile Strength	12,400 psi	85 MPa	Calculated
Break Strength	46 lbs/in width	80 N/10mm width	ASTM D882
Elongation at Break	20%	20%	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	2.21 g/cm³	Calculated
Max. Continuous Operating Temperature	175°F	80°C	Supplier Data
Sealing Temperature	210-240°F	100-115°C	NEPTCO TM-008
Electrical Resistance	7 Ω/mft @1" wide	58 Ω/km @10mm wide	Supplier Data
Colors	Violet CHECKERBOARD® color on fusible side		
Splice Type	#37, 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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