



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 ft ² /lb 3.44 lbs/mft @ 1" wide | 5.0 m ² /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/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 | 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.