

NEPTAPE® LSP48A Low Smoke Shielding Tape

CONSTRUCTION 0.00035" (9μ) Aluminum Foil
 0.00055" (14μ) Polyolefin Film
 0.00035" (9μ) Aluminum Foil
 0.00015" (4μ) EAA Fusible Coating

DESCRIPTION Three ply, low smoke tape used for plenum coaxial applications.

TECHNICAL DATA

| Property | US Customary | Metric | Test Method |
|-----------------------------|--|---|------------------|
| Thickness | 0.0017 inches | 43 Microns | ASTM D374 |
| Yield | 70.3 sq ft/lb. 1.19 lbs/mft @ 1" wide | 14.40 sq m/kg 0.69 kg/km @ 10mm wide | NEPTCO TM-002 |
| Tensile Strength | 9,100 psi | 63 MPa | Calculated |
| Break Strength | 15.54 lbs./inch width | 27 N/10mm width | ASTM D882 |
| Elongation at Break | 20% | 20% | ASTM D882 |
| Dielectric Strength of Film | | 0.8 kV | Supplier Data |
| Dielectric Constant of Film | 2.0 (Dimensionless) | 2.0 (Dimensionless) | Supplier Data |
| Density | | 1.61 g/cc | Calculated |
| Electrical Resistance | 21 Ω/mft@ 1" Wide | 175 Ω/km @ 10mm Wide | Supplier Data |
| Colors | | | |
| Splice Type | #53, max. 5/pad for < 22" OD or max. 6/pad for > 22" OD Max. 1/1000 ¹ 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. No warranty is expressed or implied by this information. Specification data can be provided upon request.

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