

NEPTAPE® LS1035 Low Smoke Shielding Tape

CONSTRUCTION 0.00055" (14μ) Polyolefin Film
0.00035" (9μ) Aluminum Foil

DESCRIPTION General purpose, very high yield, low smoke shielding tape with excellent conformal characteristics typically used for shielding twisted pairs.

TECHNICAL DATA

| Property | US Customary | Metric | Test Method |
|-----------------------------|--|---|------------------|
| Thickness | 0.001 inches | 25 Microns | ASTM D374 |
| Yield | 124 sq ft/lb. 0.67 lbs/mft @ 1" wide | 25.40 sq m/kg 0.39 kg/km @ 10mm wide | NEPTCO TM-002 |
| Tensile Strength | 12,700 psi | 88 MPa | Calculated |
| Break Strength | 12.7 lbs./inch width | 22 N/10mm width | ASTM D882 |
| Elongation at Break | 129% | 129% | ASTM D882 |
| Dielectric Strength of Film | | 0.8 kV | Supplier Data |
| Dielectric Constant of Film | 2.0 (Dimensionless) | 2.0 (Dimensionless) | Supplier Data |
| Density | | 1.55 g/cc | Calculated |
| Electrical Resistance | 42 Ω/mft @ 1" Wide | 350 Ω/km @ 10mm Wide | Supplier Data |
| Colors | Natural / Clear | | |
| Splice Type | #28, 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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