

NEPTAPE® MAP200 FUSIBLE SHIELDING TAPE

CONSTRUCTION 0.00048" (12μ) Polyester Film
 0.00035" (9μ) Aluminum Foil
 0.00100" (25μ) PE Film

DESCRIPTION Fusible general purpose, thin gauge shielding laminate. Typically used as an economical tape to wrap and shield individual pairs in electronic cable.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	.002 inches	51 Microns	ASTM D374
Yield	70 ft ² /lb. 1.19 lbs/mft @ 1" wide	14.34 ft ² /lb. .70 kg/km @ 10mm wide	NEPTCO TM-002
Tensile Strength	17,300 psi	119 MPa	Calculated
Break Strength	16 lbs./inch width	28 N/10mm width	ASTM D882
Elongation at Break	75%	75%	ASTM D882
Dielectric Strength of Film	2.8 kV	2.8 kV	Supplier Data
Dielectric Constant of Film	3.0 (Dimensionless)	3.0 (Dimensionless)	Supplier Data
Density	NA	1.37 g/cm ³	Calculated
Max Continuous Operating	220°F	105°C	
Sealing Temperature	248°F	120°C	
Electrical Resistance	42 Ω/mft@ 1" Wide	350 Ω/km @ 10mm Wide	Supplier Data
Colors	Natural (Clear)/Blue/Red/Gold/Green—Other colors available upon request.		
Splice Type	#53, max. 5/Pad for <22 OD or 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.