

## NEPTAPE® 9199F FUSIBLE SHIELDING TAPE

**CONSTRUCTION**      0.00035" (9μ) Aluminum Foil  
                              0.00075" (19μ) Polyester Film  
                              0.00035" (9μ) Aluminum Foil  
                              0.00070" (18μ) EAA Film

**DESCRIPTION**      Fusible high tensile strength shielding laminate typically used as an outer shield in CATV drop wire and LAN cable.

### TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	.0024 inches	61 Microns	ASTM D374
Yield	52.47 ft <sup>2</sup> /lb. 1.59 lbs/mft @ 1" wide	10.75 ft <sup>2</sup> /lb. .93 kg/km @ 10mm wide	NEPTCO TM-002
Tensile Strength	15,700 psi	108 MPa	Calculated
Break Strength	28 lbs./inch width	49 N/10mm width	ASTM D882
Elongation at Break	89%	89%	ASTM D882
Dielectric Strength of Film	3.5 kV	3.5 kV	Supplier Data
Dielectric Constant of Film	3.0 (Dimensionless)	3.0 (Dimensionless)	Supplier Data
Density	NA	1.53 g/cm <sup>3</sup>	Calculated
Max Continuous Operating	175°F	80°C	
Sealing Temperature	210–240°F	100–115 °C	
Electrical Resistance	21 Ω/mft@ 1" Wide	175 Ω/km @ 10mm Wide	Supplier Data
Colors	Natural (Clear)		
Splice Type	#53, max. 5/Pad for < 22 OD or 6/Pad for > 22" OD. Max. 1/1000 <sup>1</sup> 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 & 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.