NEPTCO Incorporated

NEPTAPE® Data Sheet

High Temperature Shielding Tapes
NEPTAPE® 1263

Construction: 0.00100” (25µ) polyimide film
0.00070” (18µ) 0.5 oz. electrodeposited copper foil

Description: High temperature laminate typically used to shield military and aircraft cables.

Typical Properties	US Customary	Metric	Test Method
Thickness	0.0018 inches	46 microns	ASTM D374
Yield	25.5 ft^2/lb 3.27 lbs/mft @ 1" wide	5.2 m^2/kg 1.91 kg/km @ 10mm wide	NEPTCO TM-002
Tensile Strength	30,500 psi	210 MPa	Calculated
Break Strength	55 lbs/in width	96 N/10mm width	ASTM D882
Elongation at Break	18%	18%	ASTM D882
Dielectric Strength of Film	6.0 kV	6.0 kV	Supplier Data
Dielectric Constant of Film	3.9 (dimensionless)	3.9 (dimensionless)	Supplier Data
Density	NA	4.19 g/cm^3	Calculated
Melt Point of Film	660°F	350°C	Supplier Data
Electrical Resistance	13 Ω/mft @1" wide	108 Ω/km @10mm wide	Supplier Data
Colors	Natural (Gold)		
Splice Type	#13, 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.

NEPTCO, Incorporated
Box 2323, 30 Hamlet Street
Pawtucket, RI 02861-0323 USA
TEL: 401-722-5500
FAX: 401-722-6378

Rev. 8/00