

Parker Chomerics CHO-SHRINK® Tubing Conductive Heat Shrinkable EMI Shielding

Category : Polymer , Thermoset

Material Notes:

Description: CHO-SHRINK tubing is a heat shrinkable polyolefin manufactured to MIL-R-46846 Type 5, modified to provide effective 360° EMI shielding for cables. CHO-SHRINK tubing offers significant weight savings over conventional metal braid shielding, and can be applied easily with standard shrink tubing heating devices. The main feature of CHO-SHRINK tubing is Chomerics' unique conductive coating. Which is applied to the surface of the tubing and which remains flexible, uniform and intact even after maximum shrinking. The coating, a silver-based system, can be applied to the inside or outside surfaces, or both. Standard CHO-SHRINK products may be recovered (shrunk) with the same heating equipment used on ordinary nonconductive shrinkable plastics. Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-CHO-SHRINK-Tubing-Conductive-Heat-Shrinkable-EMI-Shielding.php

Mechanical Properties	Metric	English	Comments
Tensile Strength	10.3 MPa	1500 psi	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	135 °C	275 °F	
Minimum Service Temperature, Air	-54.0 °C	-65.2 °F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	19.7 kV/mm	500 kV/in	ASTM D876

Descriptive Properties	Value	Comments
DC Resistance	1 ohm/ft	
Shrink Ratio	2:1	
Shrink Temperature	121 - 191 °C	

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