

Applicable Specifications

UL File E-157227

Physical

Tensile Strength	1900 PSI
Ultimate Elongation	400%
Longitudinal Change	+1, -10%
Secant Modulus (2%)	33,000 PSI
Specific Gravity	1.25
*Heat Aging (168 Hrs. @ 175°C)	Elongation 175%
*Heat Shock (4 hrs. @ 250°C)	No dripping, flowing, Cracking
*Low Temperature Flexibility (4 hrs. @ -55°C)	No cracking
Flammability	Self- Extinguish

Electrical

Dielectric Strength	700 V/mil
Volume Resistivity	10^{14} ohm-cm

Chemical

Corrosion Resistance (Copper Mirror)	Non- Corrosive
Fungus Resistance	Non-Nutrient
Water Absorption	0.3%
Fluid Resistance	Excellent

Adhesive

Peel Strength, pli	
Polyethylene	30
PVC	10
Lead	15
Aluminum	40
Corrosive Effect (Copper mirror)	Non- Corrosive

Material testing performed to MIL-DTL-23053/4. Technical information provided consists of typical product data and should not be used for specification purposes. Unless otherwise noted, all tests are performed at room temperature.

*Outer wall only.