

Applicable Specifications

MIL-DTL-23053/5, Class 1, 2; AMS-3636, AMS-3637; UL File E-39100;
CSA LR38227; ABS

Physical

Tensile Strength 2400 PSI
Ultimate Elongation 400%
Longitudinal Change $\pm 5\%$
Secant Modulus (2%) 13,000 PSI
Specific Gravity 1.3 (Black)
.93 (Clear)

Heat Aging
(336 Hrs. @ 175°C) Elongation n 175%

Heat Shock
(4 hrs. @ 250°C) No dripping,
cracking,
passes
mandrel
wrap test

Low Temperature Flexibility
(4 hrs. @ -55°C) No cracking

Flammability Self-Extinguish
meets UL 224
All-tubing
Flame Test
(Class 1 only)

Electrical

Dielectric Strength 900 V/mil
Volume Resistivity 10^{15} ohm-cm

Chemical

Corrosive Effect Non-
Corrosive

Solvent Resistance

Tensile Strength 1000 PSI
Dielectric Strength 400 V/mil
Water Absorption 0.2%

Fungus Resistance
Non-Nutrient

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.