

TYPICAL PROPERTIES

SFL Series

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. @ 225°C) - No dripping, flowing, cracking

***Low Temp. Flexibility:** (4 hrs. @ -55°C) - No cracking

***Flammability:** Self-extinguishing

Abrasion Resistance: Good

ELECTRICAL

Dielectric Strength: 700 V/mil

Volume Resistivity: 10¹⁴ ohm-cm

CHEMICAL

Corrosion Resistance: Non-Corrosive

Water Absorbtion: 0.3%

Fungus Resistance: Non-nutrient

Fluid Resistance:

Fuels and Oils - Good

Solvents - Good

Acids & Alkalies - Excellent

ADHESIVE

Peel Strength, pli:

Polyethylene - 30

PVC - 10

Lead - 15

Aluminum - 40

Corrosive Effect : Non-Corrosive