



Description:

The FPFA Series is a Flame Retardant Flexible Polyolefin tubing. It meets MIL-DTL-23053/5, Class 3 requirements. It can be used for fire-resistant component coverings and flammable wire assemblies, as well as lightweight harness covering, wire marking and wire bundling. It is CSA Certified at 600V at 125°C. Packaged in 6" lengths. Colour Black

Shrink Ratio: 2:1 Shrink Temp.: 212°F [100°C] Operating Temp.: -67°F to 275°F [-55°C to 135°C]

Typical Properties:

Physical

Tensile Strength : 2,400 PSI
Ultimate Elongation : 400%
Longitudinal Change : +1, -10%
Secant Modulus (2%) : 13,000 PSI
Specific Gravity : 1.5 G/cm² Max.
Heat Aging (168 hrs @ 175°C) : Elongation 175%
Heat Shock (4 hrs @ 250°C) : No Dripping, Cracking, Passes Mandrel Wrap Test
Low Temperature Flexibility (4 hrs @ -55°C) : No Cracking

Chemical

Corrosive Effect : Non-Corrosive
Solvent Resistance
Tensile Strength : 1,000 PSI
Dielectric Strength : 400V/MIL
Water Absorption : 0.2%
Fungus Resistance : Non-Nutrient

Electrical

Dielectric Strength : 900V/MIL
Volume Resistivity : 10¹⁵ Ω-CM

Part Number Table

Description	Size (I.D.)	Package Quantity	Part Number
Heat Shrink Tubing Assortment, 16pcs	3/64" ~ 3/16"	30 pieces	FPFA-003-6030-AST
	1/4" ~ 3/4"	16 pieces	FPFA-016-6016-AST
	1" ~ 4"	10 pieces	FPFA-064-6010-AST

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