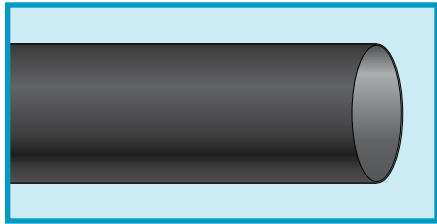


# Heat-Shrink Tubing

FIT®-300 Heat-Shrink Tubing

2.5:1 Shrink Ratio, Dual-Wall Semirigid XLPO



**AMS-DTL-23053/4 Class 1  
UL 224 (Except clear)**

- Meltable inner wall for encapsulation without adhesives
- Thicker wall for added protection
- High shrink ratios
- Excellent dielectric properties

### Applications

- Temporary sealing without sticky residue
- Substrates requiring filled interstices

### Operating Temperature

- -55°C to +135°C
- -55°C to +125°C (UL)

### Shrink Temperature

- 140°C min.

### Material

- Dual-wall semirigid cross-linked polyolefin

### Colors

- Black, white, red, yellow, blue, slate, brown

### Physical Properties

- Tensile strength: 1500 psi (10.34 N/mm<sup>2</sup>)
- Elongation: 200% min

- Longitudinal change: +1%/-10%
- Specific gravity: 0.99
- Shelf life: 3 years at 18°C to 35°C

### Chemical Properties

- Corrosive effect: none
- Fungus resistance: no growth
- Water absorption: 0.5% max
- Fluid resistance: 1000 psi (6.89 N/mm<sup>2</sup>)
- Lead free
- Halogen free

### Electrical Properties

- 600 V (UL, CSA)
- Dielectric strength: 500 V/mil (197 kV/cm)
- Volume resistivity: 10<sup>16</sup> ohm-cm

### Availability

See table

Part No.	Supplied ID, Min.		Recovered ID, Max.		Recovered Wall Thickness, Nom.		Availability Qty, Cut Pieces at Length	
	Inch	mm	Inch	mm	Inch	mm	4 ft (1.2 m)	6" (152 mm)
<b>FIT-300-1/8</b>	0.125	3.18	0.023	0.58	0.038	0.97	25	14
<b>FIT-300-3/16</b>	0.187	4.75	0.060	1.52	0.043	1.09	25	12
<b>FIT-300-1/4</b>	0.250	6.35	0.080	2.03	0.047	1.19	25	10
<b>FIT-300-3/10</b>	0.300	7.62	0.050	1.27	0.100	2.54	25	4
<b>FIT-300-3/8</b>	0.375	9.53	0.135	3.43	0.050	1.27	25	8
<b>FIT-300-1/2</b>	0.500	12.70	0.195	4.95	0.055	1.40	5	6
<b>FIT-300-3/4</b>	0.750	19.05	0.313	7.95	0.065	1.65	5	4
<b>ST-3001-IN</b>	1.000	25.40	0.400	10.16	0.075	1.91	5	--

