

MIL-DTL-23053/4D,
CLASS 1
UL STANDARD 224
RoHS COMPLIANT

FIT® Preferred Heat Shrink Products

SURFACE IRRADIATED/DUAL EXTRUDED POLYOLEFIN

FIT®-300

CHOOSE **FIT**®-300 FOR:

- Meltable Inner Wall
- Encapsulates Without Adhesive
- Temporary Sealing Without Sticky Residue
- Increased Wall Thickness for Added Protection
- High Shrink Ratios
- Excellent Dielectric Properties

FIT®-300 APPLICATIONS:

- Substrates Requiring Filled Interstices
- Digital Electronics Where Adhesive is Unacceptable
- Temporary Applications Requiring Encapsulation

CHARACTERISTICS

OPERATING TEMPERATURE:

- -55°C to 110°C

SHRINKAGE RATIO:

- Approximately 6 to 1 or 3 to 1 at 135°C Depending on Size

COLOR DESCRIPTION:

- 1/8 Inch: Brown, Black
- 3/16 Inch: Slate, Black
- 1/4 Inch: White, Black
- 3/8 Inch: Red, Black
- 1/2 Inch: Blue, Black
- 3/4 Inch: Yellow, Black
- 3/10 Inch: Blue, Black

PHYSICAL PROPERTIES:

- Tensile Strength: 1500 psi, (106 kg/cm²)
- Ultimate Elongation: 200%
- Longitudinal Shrinkage: -10%
- Specific Gravity: 0.99

CHEMICAL PROPERTIES:

- Corrosive Effect: Non-Corrosive
- Fungus Resistance: No Growth
- Water Absorption: 0.1%

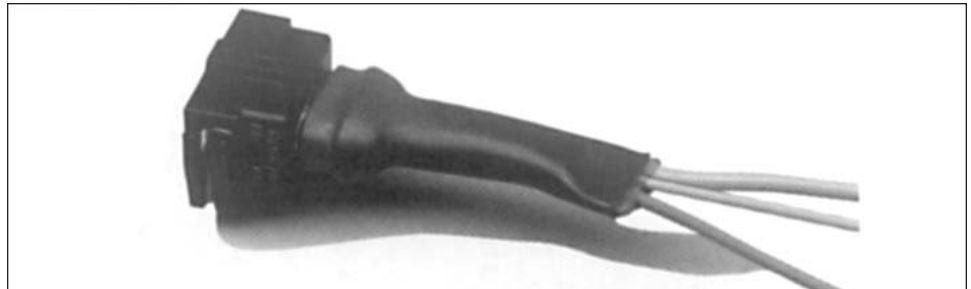
ELECTRICAL PROPERTIES:

- Dielectric Strength: 500V/mil (197 kV/cm)
- Volume Resistivity: 10¹⁵ ohm-cm

SPECIFICATIONS

- MIL-DTL-23053/4D, Class 1
- UL Standard 224 (black only)
- RoHS Compliant

UL Recognized
Component
Underwriters Laboratories Inc.



Alpha Part No. and Size	Minimum Supplied I.D.		Maximum Rec. I.D.		Nom. Rec. Wall Thickness		Total Nom. Rec. Meltable Wall Thickness		Std. Pkg. 4 Ft. Lgths. Total Ftg.	No. Cut Pieces 6 Inch
	Inches	mm	Inches	mm	Inches	mm	Inches	mm		
FIT-300-1/8	0.125	3,18	0.023	0,58	0.038	0,96	0.020	0,50	100	14
FIT-300-3/16	0.187	4,75	0.060	1,52	0.043	1,09	0.025	0,63	100	12
FIT-300-1/4	0.250	6,35	0.080	2,03	0.047	1,19	0.027	0,68	100	10
FIT-300-3/8	0.375	9,53	0.135	3,43	0.050	1,27	0.030	0,76	100	8
FIT-300-1/2	0.500	12,70	0.195	4,95	0.055	1,40	0.035	0,88	20	6
FIT-300-3/4	0.750	19,10	0.313	7,95	0.065	1,65	0.040	1,02	20	4
FIT-300-3/10	0.300	7,62	0.050	1,27	0.100	2,54	0.065	1,65	100	4

