

MIL-DTL-23053/11C,  
CLASS 1  
RoHS COMPLIANT

# FIT® Preferred Heat Shrink Products

## TEMPERATURE/CHEMICAL RESISTANT FEP TEFLON\*

### FIT®-400

### CHOOSE FIT®-400 FOR:

- Excellent Chemical Resistance
- Extreme Temperature Range of -67°C to 200°C
- Unmatched Dielectric Properties
- Thinnest Wall Thickness Available
- Lower Recovery Temp than TFE Teflon\*
- Use with XTRA•GUARD® 4 and XTRA•GUARD® 5

### FIT®-400 APPLICATIONS:

- Fiber Optic Applications
- High Temperature Cable
- Limited Space Applications
- XTRA•GUARD® 4 & 5 Applications
- Digital Electronics (Signal Sensitive Equipment)
- Extremely Caustic Environments
- Fast Recovery Time
- Data and FEP Teflon\* Cable Applications

### CHARACTERISTICS

#### OPERATING TEMPERATURE:

- -67°C to 200°C

#### SHRINKAGE RATIO:

- Approximately 1.2 to 1 at 176°C

#### COLOR DESCRIPTION:

- All Standard Packages: Natural

#### PHYSICAL PROPERTIES:

- Tensile Strength: 2000 psi, (141 kg/cm<sup>2</sup>)
- Ultimate Elongation: 200%
- Longitudinal Shrinkage: -15%
- Specific Gravity: 2.17
- Flammability: Self-Extinguishing

#### CHEMICAL PROPERTIES:

- Corrosive Effect: Non-Corrosive
- Fungus Resistance: No Growth
- Water Absorption: 0.01%
- Chemical Resistance: All Chemicals at Room Temperature

#### ELECTRICAL PROPERTIES:

- Dielectric Strength: 500V/mil (197 kV/cm)
- Volume Resistivity: 2 x 10<sup>17</sup> ohm-cm

### SPECIFICATIONS

- MIL-DTL-23053/11C, Class 1
- RoHS Compliant



Alpha Part No. and Size (AWG)	Minimum Supplied I.D.		Maximum Rec. I.D.		Nom. Rec. Wall Thickness		Std. Pkg. 4 Ft. Lengths Total Ftg.	2 Ft. Lengths Total Ftg.
	Inches	mm	Inches	mm	Inches	mm		
<b>FIT-400-24</b>	0.031	0,79	0.027	0,68	0.008	0,20	100	—
<b>FIT-400-22</b>	0.036	0,91	0.032	0,81	0.008	0,20	100	—
<b>FIT-400-20</b>	0.045	1,14	0.039	0,99	0.008	0,20	100	—
<b>FIT-400-18</b>	0.060	1,52	0.049	1,25	0.008	0,20	100	—
<b>FIT-400-16</b>	0.075	1,90	0.061	1,55	0.009	0,22	100	—
<b>FIT-400-14</b>	0.092	2,33	0.072	1,83	0.009	0,22	100	—
<b>FIT-400-12</b>	0.115	2,92	0.089	2,26	0.009	0,22	100	—
<b>FIT-400-10</b>	0.141	3,58	0.114	2,90	0.010	0,25	100	—
<b>FIT-400-9</b>	0.158	4,01	0.124	3,15	0.010	0,25	100	—
<b>FIT-400-8</b>	0.180	4,57	0.143	3,63	0.010	0,25	100	—
<b>FIT-400-7</b>	0.197	5,00	0.158	4,01	0.011	0,27	100	—
<b>FIT-400-6</b>	0.225	5,72	0.180	4,57	0.011	0,27	100	—
<b>FIT-400-5</b>	0.248	6,29	0.198	5,03	0.011	0,27	—	100
<b>FIT-400-4</b>	0.290	7,36	0.226	5,74	0.011	0,27	—	100
<b>FIT-400-3</b>	0.310	7,87	0.249	6,33	0.011	0,27	—	100
<b>FIT-400-2</b>	0.365	9,27	0.280	7,11	0.012	0,30	—	100
<b>FIT-400-1</b>	0.400	10,20	0.311	7,90	0.012	0,30	—	100
<b>FIT-400-0</b>	0.440	11,22	0.349	8,87	0.012	0,30	—	100

1.2 TO 1 SHRINK RATIO

Recommended For Use With  
XTRA•GUARD® 4  
Extra-Protection, High/Low  
Temperature TPE Jacketed Cables and  
XTRA•GUARD® 5  
Extra High-Temperature/  
Chemical-Resistant FEP Teflon®  
Jacketed Cables

\*Teflon® is a registered trademark of E.I. DuPont Co.

