

FIT® Preferred Heat Shrink Products

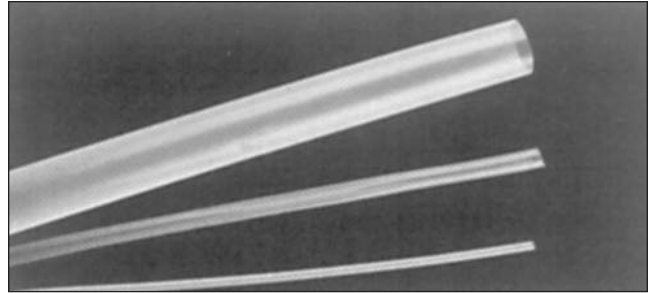
TEMPERATURE/CHEMICAL RESISTANT TFE TEFLON*

FIT®-500

MIL-DTL-23053/12C,
CLASS 3
RoHS COMPLIANT

CHOOSE FIT®-500 FOR:

- Supreme Chemical Resistance
- Most Extreme Temperature Range of -67°C to 250°C
- Highest Tensile Strength
- Unmatched Dielectric Properties
- Extremely Thin Wall Thickness
- Low Friction Coefficient



FIT®-500 APPLICATIONS:

- Fiber Optic Applications
- TFE Teflon* Cable Applications
- Limited Space Applications
- Digital Electronics (Signal Sensitive Equipment)
- Extremely Caustic Environments

CHARACTERISTICS

OPERATING TEMPERATURE:

- -67°C to 250°C

SHRINKAGE RATIO:

- Approximately 1.5 to 1 at 327°C

COLOR DESCRIPTION:

- All Standard Packages: Natural

PHYSICAL PROPERTIES:

- Tensile Strength: 2500 psi, (176 kg/cm²)
- Ultimate Elongation: 200%
- Longitudinal Shrinkage: -20%
- Specific Gravity: 2.20
- 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: 800V/mil (315 kV/cm)
- Volume Resistivity: 10¹⁸ ohm-cm

SPECIFICATIONS

- MIL-DTL-23053/12C, Class 3
- RoHS Compliant



Alpha Part No. and Size (AWG)	Minimum Supplied I.D.		Maximum Rec. I.D.		Nom. Rec. Wall Thickness		2 Ft. Lengths Standard Pkg. Total Ftg.
	Inches	mm	Inches	mm	Inches	mm	
FIT-500-30	0.034	0,86	0.015	0,38	0.009	0,23	100
FIT-500-28	0.038	0,97	0.018	0,46	0.009	0,23	100
FIT-500-26	0.046	1,17	0.022	0,56	0.009	0,23	100
FIT-500-24	0.050	1,27	0.027	0,69	0.010	0,25	100
FIT-500-22	0.055	1,40	0.032	0,81	0.010	0,25	100
FIT-500-20	0.060	1,52	0.039	0,99	0.012	0,30	100
FIT-500-18	0.076	1,93	0.049	1,24	0.012	0,30	100
FIT-500-16	0.093	2,36	0.061	1,55	0.012	0,30	100
FIT-500-14	0.120	3,05	0.072	1,83	0.012	0,30	100
FIT-500-12	0.150	3,81	0.089	2,26	0.012	0,30	50
FIT-500-10	0.191	4,85	0.112	2,84	0.012	0,30	50
FIT-500-8	0.240	6,10	0.141	3,58	0.015	0,38	50
FIT-500-6	0.302	7,67	0.178	4,52	0.015	0,38	20
FIT-500-4	0.370	9,40	0.224	5,69	0.015	0,38	20
FIT-500-2	0.430	8,64	0.278	7,06	0.015	0,38	20
FIT-500-0	0.470	11,90	0.347	8,81	0.015	0,38	20

1.5 TO 1 SHRINK RATIO

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



Toll Free: 1-800-52 ALPHA • Telephone: 908-925-8000 • Fax: 908-925-6923
Europe/UK Telephone: +44 (0) 1932 772422 • Europe/UK Fax: +44 (0) 1932 772433

Web Site: www.alphawire.com
Email: info@alphawire.com