

FIT® Preferred Heat Shrink Products

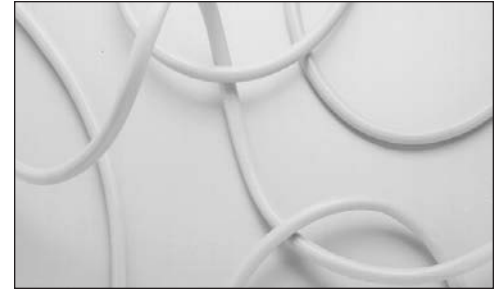
HIGHLY-FLEXIBLE IRRADIATED SILICONE RUBBER

FIT® FLEX

UL STANDARD 224
RoHS COMPLIANT

CHOOSE **FIT**® FLEX FOR:

- Highest Flexibility Available
- Flexibility in Widest Temperature Range, -75°C to 200°C
- Scrape Abrasion Resistance
- Pliability when Substrate Requires "Give"
- Flame Retardancy
- Use with **XTRA•GUARD**® Flexible Cables



FIT® FLEX APPLICATIONS:

- Robotics Cables
- Automation Equipment Dressing
- Environments With Varied Temperatures
- **XTRA•GUARD**® Flexible Cable Applications
- Fiber Optic Cable Bundles
- Assemblies and Harnesses Requiring Flexibility

Alpha Part No. and Size	Minimum Supplied I.D.		Maximum Rec. I.D.		Nom. Rec. Wall Thickness		Std. Pkg. Spools Feet
	Inches	mm	Inches	mm	Inches	mm	
FIT-FLEX-2	0.112	2,84	0.070	1,77	0.040	1,02	25, 100
FIT-FLEX-3	0.190	4,82	0.116	2,94	0.040	1,02	25, 100
FIT-FLEX-5	0.305	7,74	0.184	4,67	0.040	1,02	25, 100
FIT-FLEX-6	0.391	9,93	0.240	6,09	0.060	1,52	25, 100
FIT-FLEX-9	0.588	14,93	0.357	9,06	0.060	1,52	25, 100
FIT-FLEX-12	0.825	20,95	0.475	12,06	0.080	2,03	25, 100
FIT-FLEX-20	1.217	30,91	0.790	20,06	0.080	2,03	25, 100

CHARACTERISTICS

OPERATING TEMPERATURE:

- -75°C to 200°C

SHRINKAGE RATIO:

- Approximately 1.70 to 1 at 135°C

COLOR DESCRIPTION:

- All Standard Packages: Gray

PHYSICAL PROPERTIES:

- Tensile Strength: 600 psi, (42 kg/cm²)
- Ultimate Elongation: 250%
- Longitudinal Shrinkage: -15%
- Specific Gravity: 1.25
- Flammability: Self-Extinguishing (UL VW-1)

CHEMICAL PROPERTIES:

- Corrosive Effect: Non-Corrosive
- Water Absorption: 1.0%
- Shelf Life: 1 Year

ELECTRICAL PROPERTIES:

- Dielectric Strength: 200V/mil (79 kV/cm)
- Volume Resistivity: 10¹² ohm-cm

1.7 TO 1 SHRINK RATIO

Recommended For Use With
Oil-Resistant
XTRA•GUARD® Flexible Cables
Permanent Solutions For
Critical Flexing Applications!

SPECIFICATIONS

- UL Standard 224
- RoHS Compliant

