

FIT® Preferred Heat Shrink Products

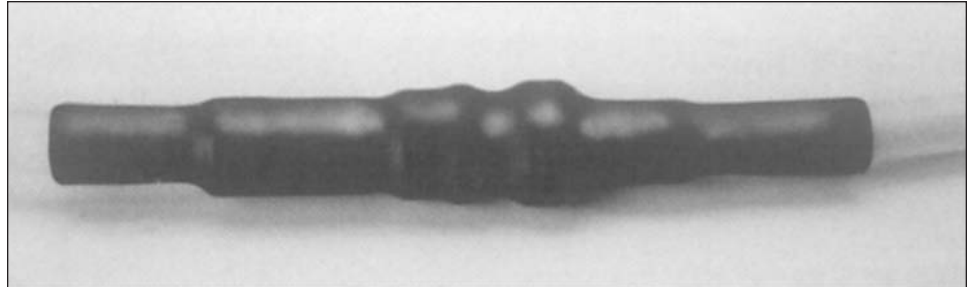
CHEMICAL AND TEMPERATURE RESISTANT IRRADIATED VITON*

FIT®-650

MIL-DTL-23053/13B, RoHS COMPLIANT

CHOOSE **FIT**®-650 For:

- Extreme Temperatures
-40°C to 200°C
- Excellent Chemical Resistance
(Water, Oil, Acid and Fuels)
- Flexibility
- Use with **XTRA•GUARD**® 5
and **XTRA•GUARD**®
Flexible Cables



FIT®-650 APPLICATIONS:

- Chemical Production Applications
- Military Electronics/Aircraft
- In Hostile Environments Requiring
Some Flexibility
- **XTRA•GUARD**® 5 Applications
- **XTRA•GUARD**® Flexible
Cable Applications

CHARACTERISTICS

OPERATING TEMPERATURE:

- -40°C to 200°C

SHRINKAGE RATIO:

- Approximately 2 to 1 at 175°C

COLOR DESCRIPTION:

- All Standard Packages: Black

PHYSICAL PROPERTIES:

- Tensile Strength: 1200 psi, (85 kg/cm²)
- Ultimate Elongation: 250%
- Longitudinal Shrinkage: -20%
- Specific Gravity: 2.0
- Flammability: Self-Extinguishing

CHEMICAL PROPERTIES:

- Corrosive Effect: Non-Corrosive
- Fungus Resistance: No Growth
- Shelf Life: 2 Years

ELECTRICAL PROPERTIES:

- Dielectric Strength: 200V/mil (79 kV/cm)
- Volume Resistivity: 10⁹ ohm-cm

SPECIFICATIONS

- MIL-DTL-23053/13B
- RoHS Compliant



Alpha Part No. and Size	Minimum Supplied I.D.		Maximum Rec. I.D.		Nom. Rec. Wall Thickness		Std. Pkg. Spools Total Ftg.
	Inches	mm	Inches	mm	Inches	mm	
FIT-650-1/8	0.125	3,2	0.062	1,6	0.030	0,76	100
FIT-650-3/16	0.187	4,7	0.093	2,4	0.033	0,84	100
FIT-650-1/4	0.250	6,4	0.125	3,2	0.033	0,84	100
FIT-650-3/8	0.375	9,5	0.187	4,7	0.033	0,84	100
FIT-650-1/2	0.500	12,7	0.250	6,4	0.033	0,84	100
FIT-650-3/4	0.750	19,1	0.375	9,5	0.042	1,10	100
FIT-650-1	1.000	25,4	0.500	12,7	0.049	1,20	100

2 TO 1 SHRINK RATIO

Recommended For Use With
XTRA•GUARD® 5
Extra High-Temperature/
Chemical-Resistant FEP Teflon®
Jacketed Cables and
Oil-Resistant
XTRA•GUARD® Flexible Cables
Permanent Solutions For
Critical Flexing Applications!

*Viton® is a registered trademark of Dupont Dow Elastomers

