

MIL-DTL-23053/4D,
CLASS 2
UL STANDARD 224
RoHS COMPLIANT

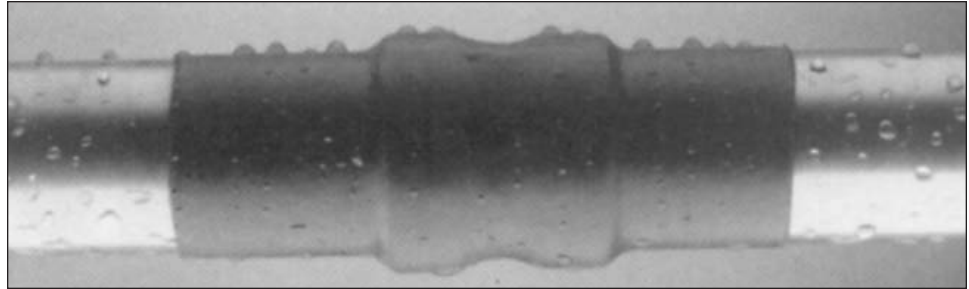
FIT® Preferred Heat Shrink Products

BONDING, ADHESIVE-LINED, IRRADIATED POLYOLEFIN

FIT®-750

CHOOSE **FIT**®-750 FOR:

- Bonding to Substrates
- Similar to **FIT**®-221 with Adhesive Liner
- Total Encapsulation
- Reduced Diameters
- Permanent Water and Corrosion Protection
- Internal Isolation of Individual Substrates – “Pinching”
- Use with **XTRA**•**GUARD**® 2



FIT®-750 APPLICATIONS:

- Moisture Protection of Substrates
- Permanent Sealing of Substrates
- Wire Isolation Within a Harness
- Permanent Joint Splice Repair
- General Purpose Usage with Adhesive
- **XTRA**•**GUARD**® 2 Applications

CHARACTERISTICS

OPERATING TEMPERATURE:

- -55°C to 110°C

SHRINKAGE RATIO:

- Approximately 2 to 1 at 121°C

COLOR DESCRIPTION:

- All Standard Packages: Black

PHYSICAL PROPERTIES:

- Tensile Strength: 1500 psi, (106 kg/cm²)
- Ultimate Elongation: 200%
- Longitudinal Shrinkage: -10%
- Flammability: Self-Extinguishing (Outer Jacket Only)
- Nominal Recovered Adhesive Thickness: 0.005" to 0.011" (0,13mm to 0,28mm)

CHEMICAL PROPERTIES:

- Corrosive Effect: Non-Corrosive
- Fungus Resistance: Does Not Support Growth
- Water Absorption: 0.5%

ELECTRICAL PROPERTIES:

- Dielectric Strength: 400V/mil (158 kV/cm)
- Volume Resistivity: 10¹² ohm-cm

SPECIFICATIONS

- MIL-DTL-23053/4D, Class 2
- UL Standard 224
- RoHS Compliant



Alpha Part No. and Size	Minimum Supplied I.D.		Std. Nom. Rec. I.D.		Nom. Rec. Wall Thickness		Std. Pkg. 4 Ft. Lengths Total Ftg.
	Inches	mm	Inches	mm	Inches	mm	
FIT-750-1/4	0.250	6,35	0.125	3,18	0.030	0,76	100
FIT-750-3/8	0.375	9,53	0.187	4,75	0.031	0,78	100
FIT-750-1/2	0.500	12,70	0.250	6,35	0.032	0,81	20
FIT-750-3/4	0.750	19,00	0.375	9,53	0.037	0,94	20
FIT-750-1	1.000	25,40	0.500	12,70	0.039	0,99	20
FIT-750-1-1/2	1.500	38,10	0.750	19,00	0.046	1,17	20

2 TO 1 SHRINK RATIO

**Recommended For Use With
XTRA•**GUARD**® 2
Extra-Rugged Polyurethane
Jacketed Cables**