

FIT® Preferred Heat Shrink Products
HEAVY WALL, ADHESIVE LINED, IRRADIATED POLYOLEFIN
FIT®-621

**CHOOSE
 FIT®-621 FOR:**

- Over Expanded to a 6 to 1 Shrink Ratio
- Shrinks to 1/6 its Original Size
- Heavy Duty Adhesive Inner Lining
- Low Water Absorption
- Excellent Durability and Toughness
- Resistant to Oils and Chemicals
- Convenient Pre-cut 6 Inch Lengths



**FIT®-621
 APPLICATIONS:**

- Protection in Severe Environments
- Large to Small Connector-to-Cable Protection
- Underground Utility Splice Protection
- Corrosion Protection of Metal Parts
- Protects Substrates in Direct Burial Applications
- Heavy Duty Abrasion Resistance

CHARACTERISTICS

OPERATING TEMPERATURE:

- -55°C to 90°C

SHRINKAGE RATIO:

- Approximately 6 to 1 at 121°C

COLOR DESCRIPTION:

- All Standard Packages: Black

PHYSICAL PROPERTIES:

- Tensile Strength: 1200 psi, (84 kg/cm²)
- Ultimate Elongation: 200%
- Longitudinal Shrinkage: -10%
- Specific Gravity: 1.4
- Low Temperature Flexibility:
 To -55°C (No Cracking)

CHEMICAL PROPERTIES:

- Corrosive Effect: Non-Corrosive
- Fungus Resistance: No Growth
- Water Absorption: 0.5%
- Chemical Resistance: JP-8 Hydraulic Fluids,
 Deicing Fluid, Lubricating Oil

ELECTRICAL PROPERTIES:

- Dielectric Strength: 200V/mil (79 kV/cm)
- Volume Resistivity: 10¹³ ohm cm

Part No. and Size	Minimum Supplied I.D.		Maximum Rec. I.D.		Nom. Rec. Wall Thickness		Standard Package
	Inches	mm	Inches	mm	Inches	mm	
FIT-1-5/8	0.60	15,24	0.150	3,81	0.060	1,52	10 x 6 In. Lengths (5 Feet) 3 x 6 In. Lengths (1.5 Feet)
FIT-621-1-1/4	1.25	31,75	0.220	5,59	0.059	1,49	10 x 6 In. Lengths (5 Feet) 3 x 6 In. Lengths (1.5 Feet)
FIT-621-2	2.00	50,80	0.375	9,50	0.105	2,70	10 x 6 In. Lengths (5 Feet) 3 x 6 In. Lengths (1.5 Feet) 24 x 6 In. Lengths (12 Feet)
FIT-621-2-1/2	2.50	63,50	0.500	12,70	0.120	3,05	10 x 6 In. Lengths (1.5 Feet) 3 x 6 In. Lengths (1.5 Feet)
FIT-621-3	3.00	76,20	0.750	19,05	0.120	3,05	10 x 6 In. Lengths (5 Feet) 3 x 6 In. Lengths (1.5 Feet)
FIT-621-4	4.00	101,60	0.900	22,86	0.140	3,55	10 x 6 In. Lengths (5 Feet) 3 x 6 In. Lengths (1.5 Feet)

