

MIL-DTL-23053/4D,
CLASS 3
RoHS COMPLIANT

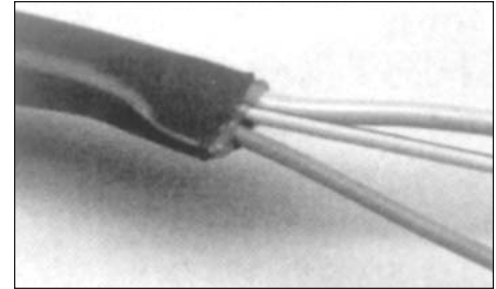
FIT® Preferred Heat Shrink Products

MEDIUM WALL, ADHESIVE LINED, IRRADIATED POLYOLEFIN

FIT®-321

CHOOSE FIT®-321 FOR:

- Expanded to a 3 to 1 Shrink Ratio
- Increased Wall Thickness for Durability
- Water Resistant Adhesive Inner Lining
- Permanent Bonding Adhesive
- Use with XTRA•GUARD® 1



FIT®-321

APPLICATIONS:

- Connectorized Cable Repair
- Water Resistance and Encapsulation
- Environmental and Outdoor Protection
- XTRA•GUARD® 1, 2 & 3 Applications

CHARACTERISTICS

OPERATING TEMPERATURE:

- 55°C to 110°C

SHRINKAGE RATIO:

- Approximately 3 to 1 at 125°C

COLOR DESCRIPTION:

- All Standard Packages: Black

PHYSICAL PROPERTIES:

- Tensile Strength: 1300 psi, (92 kg/cm²)
- Ultimate Elongation: 300%
- Longitudinal Shrinkage: -15%
- Heat Resistance: (168 Hrs. at 150°C) No Dripping, Cracking or Flowing
- Low Temperature Flexibility: (4 Hrs. at -55°C) No Cracking
- Flammability: Self-Extinguishing (Outer Jacket Only)

CHEMICAL PROPERTIES:

- Corrosive Effect: Non-Corrosive
- Fungus Resistance: No Growth
- Water Absorption: 0.5% Max.

ELECTRICAL PROPERTIES:

- Dielectric Strength: 300V/mil (118 kV/cm)
- Volume Resistivity: 10¹² ohm-cm

Alpha Part No. and Size	Minimum Supplied I.D.		Maximum Rec. I.D.		Nom. Recovered Wall Thickness				Std. Pkg. 4 Ft. No. Cut	
	Inches	mm	Inches	mm	Total Wall Inches	Total Wall mm	Meltable Wall Inches	Meltable Wall mm	Lgths. Total Ftg.	Pieces 6 Inch
FIT-321-1/8	0.120	3,05	0.040	1,02	0.040	1,02	0.020	0,50	100	28
FIT-321-1/4	0.240	6,10	0.080	2,03	0.040	1,02	0.020	0,50	100	20
FIT-321-1/2	0.470	11,90	0.160	4,06	0.070	1,75	0.030	0,76	20	14
FIT-321-1	0.940	23,90	0.320	8,13	0.100	2,54	0.040	1,02	20	8
FIT-321-1-1/2	1.570	39,90	0.510	13,00	0.100	2,54	0.040	1,02	20	5

Packaged Assortment

Assorted Sizes of 6" Lengths
Each Length - Size Identified

Alpha Part No.	Tubing Size Range	Lengths Per Box
FIT-321-MS-1	1/8" - 1" (4 Sizes)	5 Per Size (20 Lengths)

Recommended For Use With
XTRA•GUARD® 1
Extra-Premium Grade PVC Jacketed
General Purpose Cables

SPECIFICATIONS

- MIL-DTL-23053/4D, Class 3
- RoHS Compliant

