

FIT® Preferred Heat Shrink Products

ECONOMICAL **FIT-221** BULK PKGS., IRRADIATED POLYOLEFIN
FIT-221B

MIL-DTL-23053/5C,
 CLASS 1, 2
 UL STANDARD 224
 CSA STANDARD 198, RoHS COMPLIANT

CHOOSE **FIT-221B** FOR:

- General Purpose Protection and Repair
- Identification and Beautifying Substrates
- Insulation from Environment
- Reduced Longitudinal Shrinkage
- Resistance to Water, Fungus, UV Light (black only)
- Use with **XTRA•GUARD® 1**

FIT-221B APPLICATIONS:

- General Purpose Insulation and Repair
- Wire and Cable Harnessing and Bundling
- Cable and Connector Protection
- Wire and Tubing Splicing and Connecting
- **XTRA•GUARD® 1** Applications
- Automated Cutting Machines (spools)



CHARACTERISTICS

OPERATING TEMPERATURE:

- -55°C to 135°C

SHRINKAGE RATIO:

- Approximately 2 to 1 at 121°C

COLOR DESCRIPTION:

- All Bulk Packages: Black, Clear

PHYSICAL PROPERTIES:

- Tensile Strength: 1500 psi, (106 kg/cm²)
- Ultimate Elongation: 200%
- Longitudinal Shrinkage: -5%
- Specific Gravity: 1.35
- Secant Modulus: 2.5 x 10⁴ max.
- Flammability: Self-Extinguishing

CHEMICAL PROPERTIES:

- Corrosive Effect: Passes Copper Stability Test
- Fungus Resistance: No Growth

ELECTRICAL PROPERTIES:

- Dielectric Strength: 500V/mil (197 kV/cm)
- Volume Resistivity: 10¹⁴ ohm-cm

SPECIFICATIONS

- MIL-DTL-23053/5C, Class 1, 2
- UL Standard 224 (except for Clear)
- CSA Standard 198 (except for Clear)
- RoHS Compliant

UL Recognized Component
 Underwriters Laboratories Inc.

CSA Certified
 Canadian Standards Association

RoHS Compliant

Alpha Part No. and Size	Minimum Supplied I.D.		Maximum Rec. I.D.		Nom. Rec. Wall Thickness		NEW BULK PACKAGES			
	Inches	mm	Inches	mm	Inches	mm	Qty. in Box	Total Spool Size Ftg.	No. of Pcs.	Total Length Ftg.
FIT-221B-3/64	0.046	1,17	0.023	0,58	0.016	0,41	3x1000	3000	250x4	1000
FIT-221B-1/16	0.063	1,60	0.031	0,78	0.017	0,43	3x1000	3000	250x4	1000
FIT-221B-3/32	0.093	2,36	0.046	1,17	0.020	0,50	3x500	1500	250x4	1000
FIT-221B-1/8	0.125	3,18	0.062	1,58	0.020	0,50	3x500	1500	250x4	1000
FIT-221B-3/16	0.187	4,75	0.093	2,36	0.020	0,50	2x500	1000	250x4	1000
FIT-221B-1/4	0.250	6,35	0.125	3,18	0.025	0,63	2x250	500	250x4	1000
FIT-221B-3/8	0.375	9,53	0.187	4,75	0.025	0,63	2x200	400	250x4	1000
FIT-221B-1/2	0.500	12,70	0.250	6,35	0.025	0,63	2x150	300	200x4	800
FIT-221B-3/4	0.750	19,10	0.375	9,53	0.030	0,76	1x250	250	125x4	500
FIT-221B-1	1.000	25,40	0.500	12,70	0.035	0,88	1x250	250	75x4	300

2 TO 1 SHRINK RATIO

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



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