MIL-DTL-23053/5C,
CLASSES 1 & 3
UL STANDARD 224
CSA STANDARD 198
RoHS COMPLIANT

FIT® Preferred Heat Shrink Products

LOW SHRINK TEMP., FLAME RETARDANT IRRADIATED POLYOLEFIN

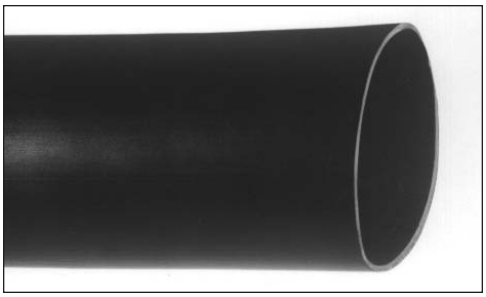
FIT®-221V

CHOOSE FIT®-221V FOR:

- Lowest Shrink Temperature (90°C)
- Fastest Recovery Time
- UL VW-1 & CSA OFT Flame Retardancy
- Resistance to Water, Fungus, UV Light (black only)
- Large, Economical, Bulk Packages
- Colors Available!

2 TO 1 SHRINK RATIO

NOW IN COLORS AND ECONOMICAL BULK PACKAGES!



FIT®-221V APPLICATIONS:

- Where Substrates are Heat Sensitive
- Where Reduced Shrink Time Saves Costs
- Flame Retardancy Requirements
- Industrial Applications
- Cable and Connector Protection
- Automated Cutting Machines (spools)

Alpha Part No. and Size	Minimum Supplied I.D. Inches	Minimum Supplied I.D. mm	Maximum Rec. I.D. Inches	Maximum Rec. I.D. mm	Nom. Rec. Wall Thickness Inches	Nom. Rec. Wall Thickness mm	Standard Packages 4 Ft. Lengths Total Ftg.	Standard Packages Spools Total Ftg.	Standard Packages No. Cut Pieces 6 Inch
FIT-221V-3/64	0.046	1,17	0.023	0,58	0.016	0,41	100	1000	40
FIT-221V-1/16	0.063	1,60	0.031	0,78	0.017	0,43	100	1000	36
FIT-221V-3/32	0.093	2,36	0.046	1,17	0.020	0,50	100	500	32
FIT-221V-1/8	0.125	3,18	0.062	1,58	0.020	0,50	100	500	28
FIT-221V-3/16	0.187	4,75	0.093	2,36	0.020	0,50	100	500	24
FIT-221V-1/4	0.250	6,35	0.125	3,18	0.025	0,63	100	250	20
FIT-221V-3/8	0.375	9,53	0.187	4,75	0.025	0,63	100	200	16
FIT-221V-1/2	0.500	12,70	0.250	6,35	0.025	0,63	20	150	14
FIT-221V-3/4	0.750	19,10	0.375	9,53	0.030	0,76	20	250	12
FIT-221V-1	1.000	25,40	0.500	12,70	0.035	0,88	20	250	8
FIT-221V-1-1/2	1.500	38,10	0.750	19,10	0.040	1,02	20	125	5
FIT-221V-2	2.000	50,80	1.000	25,40	0.045	1,14	20	125	3

CHARACTERISTICS

OPERATING TEMPERATURE:

- –55°C to 135°C

SHRINKAGE RATIO:

- Approximately 2 to 1 at 90°C

COLOR DESCRIPTION:

- Standard 4 Ft. Lengths and Spools: Black, White, Red, Yellow, Green, Blue
- Bulk 4 Ft. Lengths and Spools: Black Only
- 6 In. Pieces: Black Only

PHYSICAL PROPERTIES:

- Tensile Strength: 1500 psi, (106 kg/cm^2)
- Ultimate Elongation: 200%
- Longitudinal Shrinkage: –5%
- Specific Gravity: 1.35
- Flammability: Self-Extinguishing (UL VW-1, CSA OFT)

CHEMICAL PROPERTIES:

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

ELECTRICAL PROPERTIES:

- Dielectric Strength: 500V/mil (197 kV/cm)
- Volume Resistivity: 10^{14} ohm-cm

Alpha Part No. and Size	BULK PACKAGES SPOOLS Qty. in Box Spool Size	SPOOLS Total Ftg.	4 FT. LENGTHS No. of Pcs.	4 FT. LENGTHS Total Ftg.
FIT-221V-3/64	3x1000	3000	250x4	1000
FIT-221V-1/16	3x1000	3000	250x4	1000
FIT-221V-3/32	3x500	1500	250x4	1000
FIT-221V-1/8	3x500	1500	250x4	1000
FIT-221V-3/16	2x500	1000	250x4	1000
FIT-221V-1/4	2x250	500	250x4	1000
FIT-221V-3/8	2x200	400	250x4	1000
FIT-221V-1/2	2x150	300	200x4	800
FIT-221V-3/4	1x250	250	125x4	500
FIT-221V-1	1x250	250	75x4	300

SPECIFICATIONS

- MIL-DTL-23053/5C, Classes 1 & 3
- UL Standard 224
- CSA Standard 198
- Passes UL VW-1 Flame Test
- Passes CSA OFT Flame Test
- RoHS Compliant

Recognized Component — Underwriters Laboratories Inc.
Passes UL VW-1 Flame Test — Underwriters Laboratories Inc.
Certified — Canadian Standards Association
RoHS Compliant

alpha

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

Alpha Wire:

6710 BL001 1855 BK001 461816 WH005 6822 WH001 F3001/2 BK056 PF2001 NA005 3051 SL001 5855 OR005 782401 VI005 1853 YL005 2842/7 BL005 3252 VI005 6715 YL005 2842/19 SL005 3081 GR005 5852 BL001 6822 BK005 7130 BK005 1232 SV001 1855 WO005 F2213/8 GR065 F221V1/8 BK103 1858/19 BR005 3050 BR001 3075 VI005 3252 YL005 7013 WH001 F60011/2 BK008 5854/7 YL001 6300/3 SL005