

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

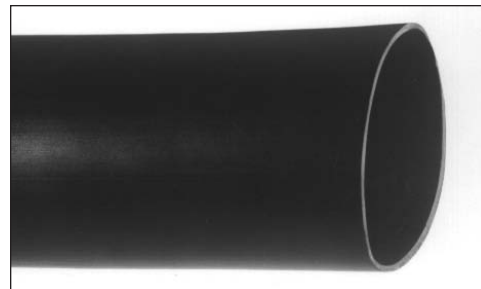
FIT®-221V

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)

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/cm²)
- 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: 10¹⁴ ohm-cm

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

Alpha Part No. and Size	Minimum Supplied I.D.		Maximum Rec. I.D.		Nom. Rec. Wall Thickness		Standard Packages		
	Inches	mm	Inches	mm	Inches	mm	4 Ft. Lengths Total Ftg.	Spools Total Ftg.	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

Alpha Part No. and Size	BULK PACKAGES			
	SPOOLS		4 FT. LENGTHS	
	Qty. in Box	Total Ftg.	No. of Pcs.	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



Passes
UL VW-1 Flame Test



Canadian Standards Association

