

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

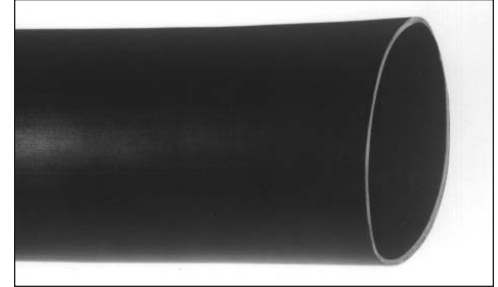
### FIT®-221V

## 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/cm<sup>2</sup>)
- 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<sup>14</sup> 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



Recognized Component  
Underwriters Laboratories Inc.



Passes  
UL VW-1 Flame Test  
Underwriters Laboratories Inc.



Certified  
Canadian Standards Association



RoHS  
Compliant

Alpha Part No. and Size	Minimum Supplied I.D.		Maximum Rec. I.D.		Nom. Rec. Wall Thickness		Standard Packages 4 Ft. Lengths		
	Inches	mm	Inches	mm	Inches	mm	Spools Total Ftg.	No. of Spools Total Ftg.	No. of Pieces 6 Inch
<b>FIT-221V-3/64</b>	0.046	1,17	0.023	0,58	0.016	0,41	100	1000	40
<b>FIT-221V-1/16</b>	0.063	1,60	0.031	0,78	0.017	0,43	100	1000	36
<b>FIT-221V-3/32</b>	0.093	2,36	0.046	1,17	0.020	0,50	100	500	32
<b>FIT-221V-1/8</b>	0.125	3,18	0.062	1,58	0.020	0,50	100	500	28
<b>FIT-221V-3/16</b>	0.187	4,75	0.093	2,36	0.020	0,50	100	500	24
<b>FIT-221V-1/4</b>	0.250	6,35	0.125	3,18	0.025	0,63	100	250	20
<b>FIT-221V-3/8</b>	0.375	9,53	0.187	4,75	0.025	0,63	100	200	16
<b>FIT-221V-1/2</b>	0.500	12,70	0.250	6,35	0.025	0,63	20	150	14
<b>FIT-221V-3/4</b>	0.750	19,10	0.375	9,53	0.030	0,76	20	250	12
<b>FIT-221V-1</b>	1.000	25,40	0.500	12,70	0.035	0,88	20	250	8
<b>FIT-221V-1-1/2</b>	1.500	38,10	0.750	19,10	0.040	1,02	20	125	5
<b>FIT-221V-2</b>	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.
<b>FIT-221V-3/64</b>	3x1000	3000	250x4	1000
<b>FIT-221V-1/16</b>	3x1000	3000	250x4	1000
<b>FIT-221V-3/32</b>	3x500	1500	250x4	1000
<b>FIT-221V-1/8</b>	3x500	1500	250x4	1000
<b>FIT-221V-3/16</b>	2x500	1000	250x4	1000
<b>FIT-221V-1/4</b>	2x250	500	250x4	1000
<b>FIT-221V-3/8</b>	2x200	400	250x4	1000
<b>FIT-221V-1/2</b>	2x150	300	200x4	800
<b>FIT-221V-3/4</b>	1x250	250	125x4	500
<b>FIT-221V-1</b>	1x250	250	75x4	300

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