

FIT® Preferred Heat Shrink Products

LOW SHRINK TEMP., FLAME RETARDANT IRRADIATED POLYOLEFIN

FIT®-321V

UL STANDARD 224
CSA STANDARD 198

CHOOSE **FIT®-321V** FOR:

- Expanded to a 3 to 1 Shrink Ratio
- Lowest Shrink Temperature (90°C)
- Fastest Recovery Time
- Reduced Wall Thickness
- UL VW-1 and CSA OFT Flame Retardancy



FIT®-321V **APPLICATIONS:**

- Connectorized Cable Repair
- Where Substrates are Heat Sensitive
- Delicate and Intricate Electronics Protection
- Industrial Applications
- Flame Retardancy Requirements
- Automated Cutting Machines

CHARACTERISTICS

OPERATING TEMPERATURE:

- -55°C to 125°C

SHRINKAGE RATIO:

- Approximately 3 to 1 at 90°C

COLOR DESCRIPTION:

- All Standard Packages:
Black & White

PHYSICAL PROPERTIES:

- Tensile Strength: 1500 psi, (106 kg/cm²)
- Ultimate Elongation: 200%
- Longitudinal Shrinkage: -5%
- Secant Modulus: 2.5 x 10⁴ max.
- Flammability: Self-Extinguishing (UL VW-1, CSA OFT)

CHEMICAL PROPERTIES:

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

ELECTRICAL PROPERTIES:

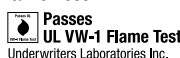
- Dielectric Strength: 500V/mil (197 kV/cm)
- Volume Resistivity: 10¹⁴ ohm-cm

Alpha Part No. and Size	Minimum Supplied I.D.		Maximum Expanded		Nom. Rec. Wall Thickness		Spools Total Ftg.
	Inches	mm	Inches	mm	Inches	mm	
FIT-321V-3/32	0.093	2,36	0.031	0,8	0.023	0,58	500
FIT-321V-1/8	0.125	3,18	0.042	1,1	0.023	0,58	500
FIT-321V-1/4	0.250	6,35	0.083	2,2	0.023	0,58	250
FIT-321V-3/8	0.375	9,50	0.125	3,2	0.023	0,58	200
FIT-321V-1/2	0.500	12,70	0.166	4,3	0.024	0,61	150
FIT-321V-3/4	0.750	19,10	0.250	6,4	0.024	0,61	250
FIT-321V-1 IN	1.000	25,40	0.333	8,5	0.024	0,61	250

3 TO 1 SHRINK RATIO

SPECIFICATIONS

- UL Standard 224
- CSA Standard 198
- Passes UL VW-1 Flame Test
- Passes CSA OFT Flame Test



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