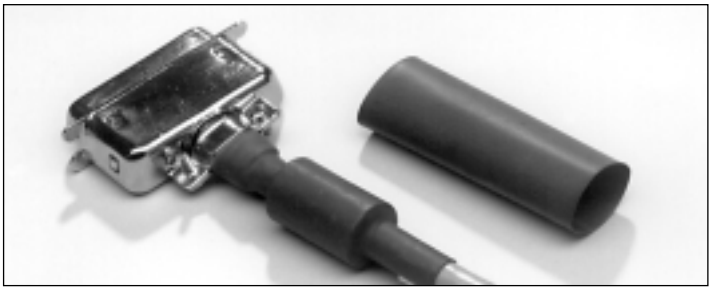
# LOW SHRINK TEMP., FLAME RETARDANT IRRADIATED POLYOLEFIN

## 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

| Alpha Part No. and Size | Minimum Supplied I.D. Inches | mm | Maximum Expanded Inches | mm | Nom. Rec. Wall Thickness Inches | mm | Spools Total Ftg. |
|---|---|---|---|---|---|---|---|
| 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

## 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/cm$^2$)
- Ultimate Elongation: 200%
- Longitudinal Shrinkage: –5%
- Secant Modulus: 2.5 x $10^4$ 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: $10^{14}$ ohm-cm

## SPECIFICATIONS

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

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

alpha

Toll Free: 1-800-52 ALPHA • Telephone: 908-925-8000 • Fax: 908-925-6923
Europe/UK Telephone: +44 (0) 1932 772422 • Europe/UK Fax: +44 (0) 1932 772433
Web Site: www.alphawire.com
Email: info@alphawire.com