

UL STANDARD 224  
CSA STANDARD 198  
RoHS COMPLIANT  
NEC ARTICLE 250-57B, EX.3

# **FIT**® Preferred Heat Shrink Products

## IRRADIATED POLYOLEFIN GROUND IDENTIFICATION

### **FIT**®-260

### CHOOSE **FIT**®-260 For:

- Color Coding Leads as a Ground Circuit
- Same Physical Characteristics as **FIT**®-221

### **FIT**®-260 APPLICATIONS:

- Approved for Use by NFPA for 600 Volt Ground Lead Identification
- E-OEM Component Identification
- Wire Harness Identification
- Automated Cutting Machines (spools)

### CHARACTERISTICS

#### OPERATING TEMPERATURE:

- -55°C to 135°C

#### SHRINKAGE RATIO:

- Approximately 2 to 1 at 120°C

#### COLOR DESCRIPTION:

- All Standard Packages: Green with Yellow Stripe
- Each Color will Cover at Least 30% of the Surface Area

#### PHYSICAL PROPERTIES:

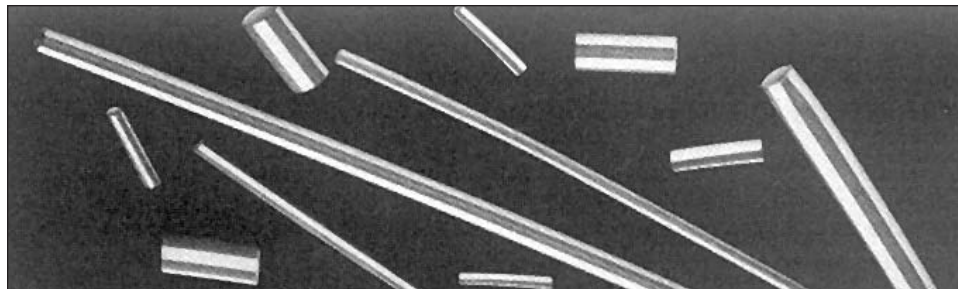
- Tensile Strength: 1500 psi, (106 kg/cm<sup>2</sup>)
- Ultimate Elongation: 200%
- Longitudinal Shrinkage: -5%
- Flammability: Self-Extinguishing

#### CHEMICAL PROPERTIES:

- Fungus Resistance: No Growth
- Water Absorption: 0.1% Max.
- Chemical Resistance: JP-4, Skydrol 500, Aviation Gas and Hydraulic Fuel

#### ELECTRICAL PROPERTIES:

- Dielectric Strength: 500V/mil (197 kV/cm)
- Volume Resistivity: 10<sup>14</sup> ohm-cm



| Alpha Part No. and Size | Minimum Supplied I.D. |       | Maximum Recovered I.D. |       | Nom. Rec. Wall Thickness |      | Std. Pkg. Spools Total Ft. |
|-------------------------|-----------------------|-------|------------------------|-------|--------------------------|------|----------------------------|
|                         | Inches                | mm    | Inches                 | mm    | Inches                   | mm   |                            |
| <b>FIT-260-1/8</b>      | 0.118                 | 3,00  | 0.059                  | 1,50  | 0.020                    | 0,51 | 500                        |
| <b>FIT-260-1/4</b>      | 0.236                 | 6,00  | 0.118                  | 2,99  | 0.025                    | 0,64 | 250                        |
| <b>FIT-260-3/8</b>      | 0.315                 | 8,00  | 0.158                  | 4,01  | 0.025                    | 0,64 | 250                        |
| <b>FIT-260-1/2</b>      | 0.472                 | 11,98 | 0.236                  | 6,00  | 0.025                    | 0,64 | 250                        |
| <b>FIT-260-3/4</b>      | 0.748                 | 18,99 | 0.355                  | 9,02  | 0.030                    | 0,76 | 250                        |
| <b>FIT-260-1</b>        | 1.024                 | 26,00 | 0.512                  | 14,00 | 0.035                    | 0,89 | 100                        |

NFPA-National Fire Protection Association

When installed in accordance with NEC Article 250-57B, Exception 3.

Grounding for equipment fastened in place or connected by permanent wiring methods (fixed)



### SPECIFICATIONS

- UL Standard 224
- CSA Standard 198
- NEC Article 250-57B, Exception 3
- RoHS Compliant



Underwriters Laboratories Inc.



Canadian Standards Association



RoHS Compliant

