

# **FIT**® Preferred Heat Shrink Products

## HEAT SHRINKABLE IDENTIFICATION SYSTEM

### **FIT**®-PRINT

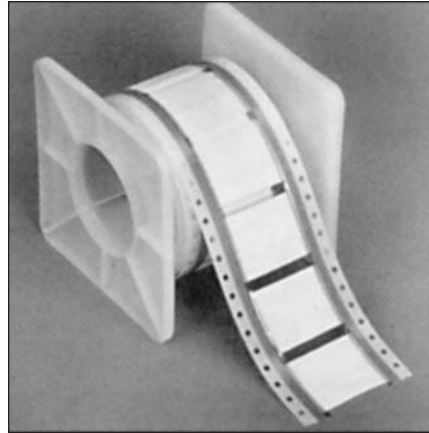
UL STANDARD 224  
RoHS COMPLIANT

### CHOOSE **FIT**®-PRINT For:

- Identification for Cable or Harness Assemblies
- Permanent/Smear-Resistant Marking
- Bright Yellow for High Visibility or White

### **FIT**®-PRINT APPLICATIONS:

- Marine Electronics
- Industrial Computers
- Electrical Equipment



### CHARACTERISTICS

#### OPERATING TEMPERATURE:

- -30°C to 105°C

#### SHRINKAGE RATIO:

- Approximately 3 to 1 at 125°C

#### COLOR DESCRIPTION:

- Yellow or White

#### PHYSICAL PROPERTIES:

- Tensile Strength: 1200 psi
- Ultimate Elongation: 150%
- Longitudinal Shrinkage: -20%
- Flammability: Self-Extinguishing

#### CHEMICAL PROPERTIES:

- Corrosive Effect: Non-Corrosive
- Water Absorption: 0.5%

#### ELECTRICAL PROPERTIES:

- Dielectric Strength: 500V/mil

Alpha Part No.	Approx. Wire Gauge (AWG)		Minimum Supplied I.D.		Maximum Rec. I.D.		Rec. Wall Thickness Inches	Recom. Use Range	Non Sleeve Progression
	Min.	Max.	Inches	mm	Inches	mm			
<b>FIT-PRINT-1/8</b>	22	16	0.125	3,2	0.042	1,0	0.023±0.003	0.044 to 0.105	0.500
<b>FIT-PRINT-1/4</b>	16	8	0.250	6,4	0.083	2,1	0.023±0.003	0.091 to 0.215	0.666
<b>FIT-PRINT-1/2</b>	8	2	0.500	12,7	0.166	4,2	0.024±0.003	0.183 to 0.425	1.166
<b>FIT-PRINT-1</b>	2	400	1.000	25,4	0.333	8,4	0.025±0.003	0.366 to 0.850	2.000

### PERMANENT WIRE IDENTIFICATION

Alpha's **FIT**®-PRINT Markers are designed to economically meet the wire identification needs of the electronic interconnect, industrial, computer office automation, marine and electrical markets. Made of irradiated modified polyolefin tubing with a 3:1 shrink ratio, these sleeves are designed for smear-resistant, permanent identification. The sleeves feed directly into standard typewriters or dot matrix printers. For best results, use a ribbon with a high carbon content and for write-on convenience, a standard ball point pen may also be used. Alpha's **FIT**®-PRINT Identification System can personalize and customize all cable assemblies without large inventory costs or special equipment.

### SPECIFICATIONS

- UL Standard 224
- RoHS Compliant

**Recognized  
Component**  
Underwriters Laboratories Inc.

**RoHS  
Compliant**

### AVAILABILITY

- 250 tubing pieces per package