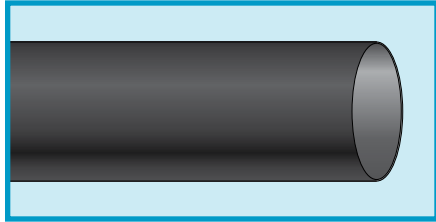


# Heat-Shrink Tubing

FIT®-105 Heat-Shrink Tubing  
2:1 Shrink Ratio, Irradiated PVC



**AMS DTL-23053/2 Class 1**  
(except longitudinal shrinkage)  
**UL 224 VW-1**  
**CSA 198**

- Low shrink temperature
- Fast recovery time
- 30% stronger than standard polyolefin
- Low water absorption
- UV resistant

### Operating Temperature

- -20°C to +105°C

### Shrink Temperature

- 100°C min.
- 105°C full recovery

### Material

- Irradiated PVC

### Color

- Black

### Physical Properties

- Tensile strength: 3000 psi (20.68 N/mm<sup>2</sup>)
- Elongation: 300% min
- Longitudinal change: +1%/-25%
- Specific gravity: 1.32
- Flame retardant
- Shelf life: 1 year at 18°C to 35°C

### Chemical Properties

- Corrosive effect: none
- Fungus resistance: no growth
- Water absorption: 1.0% max.
- Lead free

### Electrical Properties

- 600 V (UL, CSA)
- Dielectric strength: 1083 V/mil (426.3 kV/cm)
- Volume resistivity: 10<sup>12</sup> ohm-cm

### Availability

See table

Spools may contain multiple lengths

Part No.	Supplied ID, Min.		Recovered ID, Max.		Recovered Wall Thickness, Nom.		Availability	
	Inch	mm	Inch	mm	Inch	mm	Ft	m
<b>FIT-105-3/64</b>	0.046	1.17	0.023	0.58	0.020	0.51	25, 100, 500, 1000	7.6, 30.5, 152, 305
<b>FIT-105-1/16</b>	0.062	1.57	0.031	0.79	0.020	0.51	25, 100, 500, 1000	7.6, 30.5, 152, 305
<b>FIT-105-3/32</b>	0.093	2.36	0.046	1.17	0.020	0.51	25, 100, 1000	7.6, 30.5, 305
<b>FIT-105-1/8</b>	0.125	3.18	0.062	1.57	0.025	0.64	25, 100, 1000	7.6, 30.5, 305
<b>FIT-105-3/16</b>	0.187	4.75	0.093	2.36	0.025	0.64	25, 100, 1000	7.6, 30.5, 305
<b>FIT-105-1/4</b>	0.250	6.35	0.125	3.18	0.025	0.64	25, 100, 1000	7.6, 30.5, 305
<b>FIT-105-3/8</b>	0.375	9.53	0.187	4.75	0.030	0.76	25, 100, 500	7.6, 30.5, 152
<b>FIT-105-1/2</b>	0.500	12.70	0.250	6.35	0.030	0.76	25, 100, 250	7.6, 30.5, 76.2
<b>FIT-105-3/4</b>	0.750	19.05	0.375	9.53	0.035	0.89	25, 100, 250	7.6, 30.5, 76.2
<b>FIT-105-1IN</b>	1.000	25.40	0.500	12.70	0.040	1.02	25, 100, 250	7.6, 30.5, 76.2
<b>FIT-105-1-1/2</b>	1.500	38.10	0.750	19.05	0.045	1.14	25, 100	7.6, 30.5

### Packaged Assortments

Assorted sizes of 6”  
(15 cm) lengths

#### FIT-105-MS-1

Contents	Tubing Size		Quantity
	Inch	mm	
<b>FIT-105-3/64</b>	0.046	1.17	10
<b>FIT-105-1/16</b>	0.062	1.57	10
<b>FIT-105-3/32</b>	0.093	2.36	10
<b>FIT-105-1/8</b>	0.125	3.18	10
<b>FIT-105-3/16</b>	0.187	4.75	10
<b>FIT-105-1/4</b>	0.250	6.35	10

#### FIT-105-MS-2

Contents	Tubing Size		Quantity
	Inch	mm	
<b>FIT-105-3/8</b>	0.375	9.53	10
<b>FIT-105-1/2</b>	0.500	12.70	10
<b>FIT-105-3/4</b>	0.750	19.05	10
<b>FIT-105-1 IN</b>	1.000	25.40	10

