

FT2, FT3 Polyolefin General Purpose Heat Shrink Tube

Features:

- Shrink ratio: 2:1 & 3:1
- Working temperature: -55°C~+135°C
- Shrink temperature: Start at 90°C, complete shrink at 110°C
- Flexible, flame retardant
- Excellent insulation, protection and identification
- Resistant to common fluids and solvents
- UL, CSA, RoHS compliant
- SAE-AMS-DTL-23053/5 class1, 2 (clear) & 3

Application:

It is used for insulation and strain relief of wire terminations and electrical connections. It is also suitable for light-duty harnessing, jacketing and identification of wires, cables, electrical and electronic components.



2. Dimensions FT 2 (2 : 1)

Size		As Supplied (mm)		After Recovery (mm)		Standard
Inch	mm	I.D. Min	I.D. Max.	W.T. Nom.	ft/spool	
1/16	1.0	1.5±0.20	0.65	0.36±0.10	500	
3/32	2.0	2.5±0.20	1	0.45±0.10	500	
1/8	3.0	3.5±0.20	1.5	0.45±0.10	500	
3/16	4.5	5.0±0.20	2.3	0.45±0.10	200	
1/4	6.0	6.5±0.20	3	0.56±0.10	200	
3/8	9.0	9.5±0.30	4.5	0.56±0.10	200	
1/2	12	12.7±0.30	6.4	0.56±0.10	200	
5/8	16	16.5±0.40	8	0.70±0.10	100	
3/4	18	19.1±0.50	9.5	0.70±0.10	100	
1	25	26±0.50	12.5	0.90±0.15	100	
1-1/2	40	41.5±1.0	20	1.10±0.15	50	
2	50	50.8	25	1.14±0.12	25	
3	80	80	40	1.27±0.12	25	
4	100	101.6	50	1.40±0.20	25	

1. Technical Data

Property	Test Method	Typical Performance
Tensile Strength	ASTM D2671	10.4MPa
Elongation (%)	ASTM D2671	200%
Tensile strength after heat aging	UL 224 175°C X168 hrs	≥7.3 MPa
Elongation after aging (%)	UL 224 175°C X168 hrs	≥100%
Heat shock	UL 224 250°C X4 hrs	No dripping No cracking
Dielectric Strength	ASTM D149	≥15kv/mm
Volume Resistivity	IEC 60093	≥1×10 ¹⁴ Ω·cm
Corrosion	ASTM D2671	Pass

Remark:

1. Standard color: Black.
2. Special packaging, colors and cutting pieces are available on requests.
3. FT4 4:1 Ratio is available upon request

3. Dimensions FT 3 (3 : 1)

Size		As supplied (mm)		After Recovery (mm)		Standard Packing
Inch	mm	I.D. Min	I.D. Max.	W.T. Nom.	ft/spool	
1/16	1.5	1.5	0.5	0.45±0.10	500	
1/8	3.0	3	1	0.55±0.10	500	
3/16	4.5	4.5	1	0.6±0.10	200	
1/4	6.0	6	2	0.65±0.10	100	
3/8	9.0	9	3	0.75±0.15	100	
1/2	12	12	4	0.75±0.15	50	
5/8	15	15	5	0.80±0.15	50	
3/4	18	18	6	0.85±0.15	50	
1	24	24	8	1.0±0.20	25	
1-1/4	30	30	10	1.15±0.20	25	
1-1/2	39	39	13	1.5±0.20	25	
2	50	50	16	2.5±0.20	25	
	60	60	20	2.6±0.20	25	
	70	70	23	2.6±0.20	25	
3	80	80	26	2.6±0.20	25	
	90	90	30	2.6±0.20	25	
4	100	100	33	2.6±0.20	25	