

W-1-PT

Universal heat shrink tubing with excellent physical and mechanical properties

Features

- 1.Flexible
- 2.Flame retardant
- 3.Continuous Operating Temperature:-55°C to 125°C
- 4.Shrink Temperature:70°C ~ 125°C
- 5.RoHS Compliant



Dimension

size		As supplied(mm)	After Recovery(mm)		Standard Package (m/spool)
Inch	Metric(mm)		Internal diameter	Wall thickness	
3/64	0.8	1.1±0.2	0.50	0.22	200
1/16	1.0	1.5±0.2	0.65	0.28	200
	1.5	2±0.2	0.85	0.32	200
3/32	2.0	2.5±0.2	1.00	0.35	200
	2.5	3±0.2	1.30	0.38	200
1/8	3.0	3.5±0.2	1.50	0.4	200
	3.5	4±0.2	1.80	0.42	200
	4.0	4.5±0.2	2.00	0.50	200
3/16	4.5	5±0.2	2.30	0.55	100
	5.0	5.5±0.2	2.50	0.55	100
1/4	6.0	6.5±0.2	3.00	0.55	100
5/16	7.0	7.5±0.3	3.50	0.6	100
	8.0	8.5±0.3	4.00	0.6	100
3/8	9.0	9.5±0.3	4.50	0.6	100
	10.0	10.5±0.3	5.00	0.6	100
	11.0	11.5±0.3	5.50	0.6	100
1/2	12.0	12.5±0.3	6.00	0.65	100
	13.0	13.5±0.3	6.50	0.65	100
	14.0	14.5±0.3	7.00	0.7	100
5/8	15.0	15.5±0.4	7.50	0.7	100
	16.0	16.5±0.4	8.00	0.7	100
	17.0	17.5±0.4	8.50	0.8	100
3/4	18.0	19±0.5	9.00	0.8	100
	20.0	21±0.5	10.00	0.8	100

	22.0	23±0.5	11.00	0.9	100
1	25.0	26±0.5	12.50	0.9	50
	28.0	29±0.5	14.00	0.95	50
1-1/4	30.0	31.5±1.0	15.00	1.00	50
1-1/2	35.0	36.5±1.0	17.50	1.00	50
	40.0	41.5±1.0	20.00	1.00	50
	45.0	46±1.0	22.50	1.00	25
2	50.0	≥50	25.00	1.00	25
	60.0	≥60	31.00	1.30	25
	70.0	≥70	36.00	1.30	25
3	80.0	≥80	41.00	1.46	25
	90.0	≥90	46.00	1.46	25
4	100.0	≥100	51.00	1.46	25
5	120.0	≥120	61.00	1.56	25
6	150.0	≥150	76.00	1.56	25
7	180.0	≥180	91.00	1.56	25

Technical Data Physical

Property	Test Method	Typical Performance
Tensile Strength	ASTM D2671	10.4MPa
Elongation(%)	ASTM D2671	200%
Tensile Strength after Heat aging	UL 224 158°C X 168hrs	≥7.3
Elongation after Heat aging	UL 224 158°C X 168hrs	≥100
Heat shock	UL 224 250°C X 4hrs	NO dripping NO cracking

Electrical

Property	Test Method	Typical Performance
Dielectric Strength	IEC 243	≥15kv/mm
Volume Resistivity	IEC 93	≥1×10 ¹⁴ Ω·cm

Chemical

Property	Test Method	Typical Performance
Corrosion Action	UL 224 158°C X 168hrs	PASS
Copper Compatibility	UL 224 158°C X 168hrs	PASS

Shenzhen Woer Heat-Shrinkable Material Co.,Ltd.

Website: <http://en.woer.com> E-mail: woer@woer.cn woer@woer.com Fax: +86 755 28299160