

W-1-PTCB

Ultra thin wall,very flexible
heat shrink tubing



Features

- Ultra thin wall
- Very Flexible
- Flame retardant
- Continuous Operating
- Shrink Temperature:70℃~110℃
- RoHS Compliant

Temperature:-55℃ to 125℃

Dimension

SIZE		AS SUPPLIED	AFTER RECOVERY		STANDARD PACKAGE
Inch	mm	INTERNAL DIAMETER mm	INTERNAL DIAMETER MAX mm	WALL THICKNESS NOM mm	SPOOL LENGTH M/spool
1/16	1.0	1.4 ± 0.2	0.65	0.20	200
	1.5	1.9 ± 0.2	0.85	0.20	200
3/32	2.0	2.4 ± 0.2	1.00	0.22	200
	2.5	2.9 ± 0.2	1.30	0.25	200
1/8	3.0	3.4 ± 0.2	1.50	0.28	200
	3.5	3.9 ± 0.2	1.80	0.28	200
	4.0	4.4 ± 0.2	2.00	0.30	200
3/16	4.5	4.9 ± 0.2	2.30	0.30	200
	5.0	5.5 ± 0.2	2.5	0.32	100
1/4	6.0	6.5 ± 0.2	3.0	0.32	100
5/16	7.0	7.5 ± 0.3	3.5	0.32	100
	8.0	8.5 ± 0.3	4.0	0.32	100
3/8	9.0	9.5 ± 0.3	4.5	0.35	100
	10.0	10.5 ± 0.3	5.0	0.35	100
	11.0	11.5 ± 0.3	5.5	0.40	100
1/2	12.0	12.5 ± 0.3	6.0	0.40	100
	13.0	13.5 ± 0.3	6.5	0.40	100
	14.0	14.5 ± 0.3	7.0	0.40	100
5/8	15.0	15.5 ± 0.4	7.5	0.40	100
	16.0	16.5 ± 0.4	8.0	0.40	100
	17.0	17.5 ± 0.4	8.5	0.40	100
3/4	18.0	18.5 ± 0.4	9.0	0.42	100
	20.0	20.5 ± 0.5	10.0	0.45	100
	22.0	22.5 ± 0.5	11.0	0.45	100
1	25.0	25.5 ± 0.5	12.5	0.45	50

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℃ X168hrs	≥7.3
Elongation after Heat aging	UL 224 158℃ X168hrs	≥100
Heat shock	UL 224 250℃ 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℃ X168hrs	PASS
Copper Compatibility	UL 224 158℃ X168hrs	PASS

