

W-1-PT

Universal heat shrink tubing with
excellent physical and mechanical
properties



Features

- Flexible
- Flame retardant
- Continuous Operating
Temperature:-55℃ to 125℃
- Shrink Temperature:70℃~125℃
- RoHS Compliant



Dimensions

SIZE		AS SUPPLIED	AFTER RECOVERY		STANDARD PACKAGE
Inch	mm	INTERNAL DIAMETER mm	INTERNAL DIAMETER MAX mm	WALL THICKNESS NOM mm	SPOOL LENGTH M/spool
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±0.2	0.85	0.32	200
3/32	2.0	2.5±0.2	1.00	0.35	200
	2.5	3.0±0.2	1.30	0.38	200
1/8	3.0	3.5±0.2	1.50	0.40	200
	3.5	4.0±0.2	1.80	0.42	200
	4.0	4.5±0.2	2.00	0.45	200
3/16	4.5	5.0±0.2	2.30	0.50	200
	5.0	5.5±0.2	2.5	0.55	100
1/4	6.0	6.5±0.2	3.0	0.55	100
5/16	7.0	7.5±0.3	3.5	0.55	100
	8.0	8.5±0.3	4.0	0.60	100
3/8	9.0	9.5±0.3	4.5	0.60	100
	10.0	10.5±0.3	5.0	0.60	100
	11.0	11.5±0.3	5.5	0.60	100
1/2	12.0	12.5±0.3	6.0	0.60	100
	13.0	13.5±0.3	6.5	0.65	100
	14.0	14.5±0.3	7.0	0.65	100
5/8	15.0	15.5±0.4	7.5	0.70	100
	16.0	16.5±0.4	8.0	0.70	100
	17.0	17.5±0.4	8.5	0.70	100
3/4	18.0	19.0±0.5	9.0	0.80	100
	20.0	21.0±0.5	10.0	0.80	100
	22.0	23.0±0.5	11.0	0.80	100
1	25.0	26.0±0.5	12.5	0.90	50
	28.0	29.0±0.5	14.0	0.90	50
1-1/4	30.0	31.5±1.0	15.0	0.95	50
1-1/2	35.0	36.5±1.0	17.5	1.00	50
	40.0	41.5±1.0	20.0	1.00	50
	45.0	46.5±1.0	22.5	1.00	25
2	50.0	≧50	25.0	1.00	25
	60.0	≧60	31.0	1.30	25
	70.0	≧70	36.0	1.30	25
3	80.0	≧80	41.0	1.46	25
	90.0	≧90	46.0	1.46	25
4	100.0	≧100	51.0	1.46	25
5	120.0	≧120	61	1.56	25
6	150.0	≧150	76	1.56	25
7	180.0	≧180	91	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℃ X168hrs	≧7.3
Elongation after Heat aging	UL 224 158℃ X168hrs	≧100
Heat shock	UL 224 250℃ X4hrs	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