

Single wall Heat shrinkable tubing

A-2(NH)

Shrink ratio 2:1



Features

1. Flexible, single wall
2. Zero halogen, polyolefin cross linking
3. Flame retardant for black
4. Low smoke generation if burning
5. Continuous Operating Temperature:-55°C to 125°C
6. Shrink Temperature: 120°C
7. RoHS and UL compliant

Technical Data

Property	Test Method	Typical Performance
Tensile Strength(Mpa)	ASTM D2671	10.4MPa
Elongation(%)	ASTM D2671	200%
Tensile Strength after Heat aging	UL224 158°C X168hrs	≥7.3
Elongation after aging(%)	UL224 158°C X168hrs	≥100
Heat shock	UL224 225°C 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	UL224 158°C	PASS
	X168hrs	
Copper Compatibility	UL224 158°C	PASS
	X168hrs	

Dimension

Size		As supplied	After Recovery(mm)		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	0.5	0.22	200
1/16	1	1.5±0.2	0.65	0.28	200
	1.5	2.0±0.2	0.85	0.32	200
3/32	2	2.5±0.2	1	0.35	200
	2.5	3.0±0.2	1.3	0.38	200
1/8.	3	3.5±0.2	1.5	0.4	200
	3.5	4.0±0.2	1.8	0.42	200
	4	4.5±0.2	2	0.45	200
3/16.	4.5	5.0±0.2	2.3	0.5	200
	5	5.5±0.2	2.5	0.55	100
1/4	6	6.5±0.2	3	0.55	100
5/16	7	7.5±0.3	3.5	0.55	100
	8	8.5±0.3	4	0.6	100
3/8	9	9.5±0.3	4.5	0.6	100
	10	10.5±0.3	5	0.6	100
	11	11.5±0.3	5.5	0.6	100
1/2	12	12.5±0.3	6	0.6	100
	13	13.5±0.3	6.5	0.65	100
	14	14.5±0.3	7	0.65	100
5/8	15	15.5±0.4	7.5	0.7	100
	16	16.5±0.4	8	0.7	100
	17	17.5±0.4	8.5	0.7	100
3/4	18	19.0±0.5	9	0.8	100
	20	21.0±0.5	10	0.8	100
	22	23.0±0.5	11	0.8	100
1	25	26.0±0.5	12.5	0.9	50
	28	29.0±0.5	14	0.9	50
1-1/4	30	31.5±1.0	15	0.95	50
	35	36.5±1.0	17.5	1	50
	40	41.5±1.0	20	1	50
	45	46.5±1.0	22.5	1	25
2	50	≥50	25	1	25
	60	≥60	31	1.3	25
	70	≥70	36	1.3	25
3	80	≥80	41	1.46	25
	90	≥90	46	1.46	25
4	100	≥100	51	1.46	25
5	120	≥120	61	1.56	25
6	150	≥150	76	1.56	25
7	180	≥180	91	1.56	25