

PRODUCT SPECIFICATION SHEET

Product Name: 2:1 Economical Heat Shrink Tubing



Expanded As Supplied. Fully Recovered After Heating

Size	Internal Diameter Minimum (D)		Internal Diameter Maximum (D)		Minimum Total Wall Thickness (T)		Std. Spool Length
	In.	mm	In.	mm	In.	mm	Ft.
3/64"	0.055	1.4	0.022	0.58	0.013	0.33	500
1/16"	0.075	1.9	0.031	0.79	0.014	0.356	500
3/32"	0.11	2.8	0.046	1.17	0.017	0.432	500
1/8"	0.138	3.5	0.062	1.57	0.017	0.432	500
3/16"	0.2	5	0.093	2.36	0.017	0.432	250
1/4"	0.256	6.5	0.125	3.18	0.022	0.559	250
3/8"	0.38	9.6	0.187	4.75	0.022	0.559	200
1/2"	0.5	12.8	0.25	6.35	0.022	0.559	200
3/4"	0.76	19.3	0.37	9.35	0.027	0.686	100
1"	1.02	25.7	0.5	12.7	0.03	0.762	100
1-1/4"	1.26	32.2	0.63	16	0.034	0.864	100
1-1/2"	1.5	38.1	0.586	14.9	0.034	0.864	100
2"	2"	51	1	25.4	0.038	0.965	100
3"	3"	76.2	1.5	38.1	0.042	1.07	100
4"	4"	102	2	50.8	0.046	1.17	100

Proprietary	Test Method	Typical Value
Physical		
Tensile Strength	ASTM D 638	13 N/mm ²
Elongation at Break	ASTM D 638	400%
Longitudinal Change	ASTM D 2671	+5%,-5% maximum
Water Absorption	ASTM D 570	0.15% Maximum
Specific Gravity	ASTM D 792	1.4

Proprietary	Test Method	Typical Value
Electrical		
Dielectric Strength	ASTM D 2671	25kV/mm
Volume Resistivity	ASTM D 257	10@ 14 ohm.cm
Chemical		
Fungus Resistance	MIL-I-7444	Inert
Fluid Resistance	MIL-I-23053/5	Good
Cooper Corrosion	ASTM D 2671 B	Good
Thermal		
Continuous Operating Temperature		-55°C to +135VC
Minimum Shrink Temperature		>90°C
Heat Shock 4 hours at 250°C	ASTM D 2671	No dripping, cracking or flowing
Heat Aging 168 hours at 150°C	ASTM D 638	Elongation 300%
Low Temperature Flexibility -55°C	ASTM D 2671C	No cracking
Flammability	UL 224 VWI	Pass (colors only)
*Clear Tubing is not Flame Retardant		

Specification References:

UL 224 125°C, 600V, VW-1
CSA-C22.2 No. 198-M1986 125°C, 600V
File LR33298 Guide 400-U-9