

2:1 Normal Wall Polyolefin Heatshrink Tubing

multicomp PRO

**RoHS
Compliant**



Features

- Flexible
- Shrink Ratio 2:1
- Operating temperature -55°C to +125°C
- Minimum shrink temperature 70°C
- Full recovery temperature: 125°C
- Halogen Free

Applications

This series of heat shrink tubing is manufactured with modified radiation cross-linked polyolefin. The specially designed halogen free formulation makes the tubing very flexible and shrinks at lower temperature. Suitable for applications where temperature sensitive components protection, e.g. PVC jacketed wire and cable and quick shrinkage is required. It has good mechanical and electrical performances.

Technical Data

Property	Test Method	Typical Data
Tensile Strength	ASTM D2671	≥10.4 Mpa
Ultimate Elongation	ASTM D2671	≥200%
Longitudinal	Shrinkage	UL 224 ±5%
Heat Aging Tensile Strength Ultimate Elongation	158°C 168hr	≥7.3 Mpa ≥100%
Heat shock	250°C, 4hrs	No cracking, No dripping
Flammability	FMVSS302	Pass
Dielectric Strength	ASTM D150	≥15 kV/mm
Volume Resistivity	ASTM D2671	≥1 × 10 ¹⁴ Ω·cm
Copper Stability	UL224	Pass
Copper Corrosion	UL224	No corrosion

Product Dimensions (inch/mm)

Size		As supplied		After Recovery	
Inch	Metric(mm)	Internal diameter (mm)	Wall thickness (mm)	Internal diameter Max (mm)	Wall thickness Nom (mm)
1/16	1.6	1.5 ±0.2	0.2 ±0.05	0.65	0.36 ±0.1
3/32	2.4	2.5 ±0.2	0.2 ±0.05	1	0.45 ±0.1
1/8	3.2	3.5 ±0.2	0.2 ±0.05	1.5	0.45 ±0.1
3/16	4.8	5.0 ±0.2	0.28 ±0.05	2.3	0.56 ±0.1
1/4	6.4	6.5 ±0.2	0.28 ±0.05	3	0.56 ±0.1
3/8	9.5	9.5 ±0.3	0.3 ±0.08	4.5	0.56 ±0.1
1/2	12.7	12.5 ±0.3	0.3 ±0.08	6	0.56 ±0.1
3/4	19	19.0 ±0.5	0.35 ±0.1	9	0.7 ±0.1
1	25.4	26.0 ±0.5	0.45 ±0.12	12.5	0.9 ±0.15
1-1/2	38.1	41.5 ±1.0	0.5 ±0.12	20	1 ±0.15
2	50.8	≥50	0.5 ±0.15	25	1.1 ±0.2

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Part Number Table

Description	Length	Part Number
Heatshrink Tubing, 2:1, Purple, 1.6mm	100m	MCP00092
Heatshrink Tubing, 2:1, Purple, 2.4mm		MCP00093
Heatshrink Tubing, 2:1, Purple, 3.2mm		MCP00094
Heatshrink Tubing, 2:1, Purple, 4.8mm		MCP00095
Heatshrink Tubing, 2:1, Purple, 6.4mm		MCP00096
Heatshrink Tubing, 2:1, Purple, 9.5mm		MCP00097
Heatshrink Tubing, 2:1, Purple, 12.7mm		MCP00098
Heatshrink Tubing, 2:1, Purple, 19mm		MCP00099
Heatshrink Tubing, 2:1, Purple, 25.4mm		50m
Heatshrink Tubing, 2:1, Purple, 38.1mm	MCP00101	
Heatshrink Tubing, 2:1, Purple, 50.8mm	25m	MCP00102
Heatshrink Tubing, 2:1, Purple, 1.6mm	5m	MCP00103
Heatshrink Tubing, 2:1, Purple, 2.4mm		MCP00104
Heatshrink Tubing, 2:1, Purple, 3.2mm		MCP00105
Heatshrink Tubing, 2:1, Purple, 4.8mm		MCP00106
Heatshrink Tubing, 2:1, Purple, 6.4mm		MCP00107
Heatshrink Tubing, 2:1, Purple, 9.5mm		MCP00108
Heatshrink Tubing, 2:1, Purple, 12.7mm		MCP00109
Heatshrink Tubing, 2:1, Purple, 19mm		MCP00110
Heatshrink Tubing, 2:1, Purple, 25.4mm		MCP00111
Heatshrink Tubing, 2:1, Purple, 38.1mm		MCP00112
Heatshrink Tubing, 2:1, Purple, 50.8mm		MCP00113
Heatshrink Tubing, 2:1, Purple, 1.6mm	1.2m	MCP00114
Heatshrink Tubing, 2:1, Purple, 2.4mm		MCP00115
Heatshrink Tubing, 2:1, Purple, 3.2mm		MCP00116
Heatshrink Tubing, 2:1, Purple, 4.8mm		MCP00117
Heatshrink Tubing, 2:1, Purple, 6.4mm		MCP00118
Heatshrink Tubing, 2:1, Purple, 9.5mm		MCP00119
Heatshrink Tubing, 2:1, Purple, 12.7mm		MCP00120
Heatshrink Tubing, 2:1, Purple, 19mm		MCP00121
Heatshrink Tubing, 2:1, Purple, 25.4mm		MCP00122
Heatshrink Tubing, 2:1, Purple, 38.1mm		MCP00123
Heatshrink Tubing, 2:1, Purple, 50.8mm		MCP00124

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