

Normal Wall Tubing (2X)

Flexible, Halogen Free, Polyolefin, Heat Shrink

pro-POWER



Application

The 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 a lower temperature. Suitable for applications where temperature sensitive component's protection, e.g. PVC jacketed wire and cable and quick shrinkage is required. It has good mechanical and electrical performances.

**RoHS
Compliant**

Specifications

Operating Temperature	: -55°C to +125°C
Min. Shrink Temperature	: 70°C
Full Recovery Temperature	: 125°C
Shrink Ratio	: 2:1
Colours	: Clear, Red, Yellow, White, Blue, Brown, Grey and Green
Meets Sony-SS-00259	
Halogen Free	

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, 168 hour	≥7.3 Mpa ≥100%
Heat Shock	250°C, 4hrs	No cracking, No dripping
Flammability	FMVSS302	Pass
Dielectric Strength	ASTM D150	≥15kV/mm
Volume Resistivity	ASTM D2671	≥1×10 ¹⁴ Ω·cm
Copper Stability	UL224	Pass
Copper Corrosion	UL224	No corrosion

Product Dimensions

Part Number	Size		As Supplied		After Recovery	
	Inch	mm	Internal Diameter (mm)	Wall Thickness (mm)	Internal Diameter Max. (mm)	Wall Thickness (mm)
13677	1/16	1.6	1.5 ±0.2	0.2 ±0.05	0.65	0.36 ±0.1
13732						
15111						
13722	3/32	2.4	2.5 ±0.2	0.2 ±0.05	1	0.45 ±0.1
13733						
15112						
13734	1/8	3.2	3.5 ±0.2	0.2 ±0.05	1.5	0.45 ±0.1
15113						

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Part Number	Size		As Supplied		After Recovery	
	Inch	mm	Internal Diameter (mm)	Wall Thickness (mm)	Internal Diameter Max. (mm)	Wall Thickness (mm)
13724	3/16	4.8	5 ±0.2	0.28 ±0.05	2.3	0.56 ±0.1
13735						
15114						
13736	1/4	6.4	6.5 ±0.2	0.28 ±0.05	3	0.56 ±0.1
15115						
13704	3/8	9.5	9.5 ±0.3	0.3 ±0.08	4.5	0.56 ±0.1
13726						
15116						
13683	1/2	12.7	12.5 ±0.3	0.3 ±0.08	6	0.56 ±0.1
13738						
15117						
13673	3/4	19	19 ±0.5	0.35 ±0.1	9	0.7 ±0.1
13695						
13739						
15118						
13696	1	25.4	26 ±0.5	0.45 ±0.12	12.5	0.9 ±0.15
13740						
15119						
13686	1-1/2	38.1	41.5 ±1	0.5 ±0.12	20	1 ±0.15
13741						
15120						
13665	2	50.8	≥50	0.5 ±0.15	25	1.1 ±0.2
13676						
13709						
13742						
15055						
15066						
15077						
15110						
15121						
13643GRY						

Part Number Table

Description	Part Number
Tubing, Heat Shrink, Normal Wall, 2:1, 50.8mm, Clear, 25m	13665
Tubing, Heat Shrink, Normal Wall, 2:1, 19mm, Red, 100m	13673
Tubing, Heat Shrink, Normal Wall, 2:1, 50.8mm, Red, 25m	13676
Tubing, Heat Shrink, Normal Wall, 2:1, 1.6mm, Yellow, 100m	13677

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Description	Part Number
Tubing, Heat Shrink, Normal Wall, 2:1, 12.7mm, Yellow, 100m	13683
Tubing, Heat Shrink, Normal Wall, 2:1, 38.1mm, Yellow, 50m	13686
Tubing, Heat Shrink, Normal Wall, 2:1, 19mm, White, 100m	13695
Tubing, Heat Shrink, Normal Wall, 2:1, 25.4mm, White, 50m	13696
Tubing, Heat Shrink, Normal Wall, 2:1, 9.5mm, Blue, 100m	13704
Tubing, Heat Shrink, Normal Wall, 2:1, 50.8mm, Blue, 25m	13709
Tubing, Heat Shrink, Normal Wall, 2:1, 2.4mm, Brown, 100m	13722
Tubing, Heat Shrink, Normal Wall, 2:1, 4.8mm, Brown, 100m	13724
Tubing, Heat Shrink, Normal Wall, 2:1, 9.5mm, Brown, 100m	13726
Tubing, Heat Shrink, Normal Wall, 2:1, 1.6mm, Green, 100m	13732
Tubing, Heat Shrink, Normal Wall, 2:1, 2.4mm, Green, 100m	13733
Tubing, Heat Shrink, Normal Wall, 2:1, 3.2mm, Green, 100m	13734
Tubing, Heat Shrink, Normal Wall, 2:1, 4.8mm, Green, 100m	13735
Tubing, Heat Shrink, Normal Wall, 2:1, 6.4mm, Green, 100m	13736
Tubing, Heat Shrink, Normal Wall, 2:1, 12.7mm, Green, 100m	13738
Tubing, Heat Shrink, Normal Wall, 2:1, 19mm, Green, 100m	13739
Tubing, Heat Shrink, Normal Wall, 2:1, 25.4mm, Green, 50m	13740
Tubing, Heat Shrink, Normal Wall, 2:1, 38.1mm, Green, 50m	13741
Tubing, Heat Shrink, Normal Wall, 2:1, 50.8mm, Green, 50m	13742
Tubing, Heat Shrink, Normal Wall, 2:1, 50.8mm, Red, 5m	15055
Tubing, Heat Shrink, Normal Wall, 2:1, 50.8mm, Yellow, 5m	15066
Tubing, Heat Shrink, Normal Wall, 2:1, 50.8mm, White, 5m	15077
Tubing, Heat Shrink, Normal Wall, 2:1, 50.8mm, Brown, 5m	15110
Tubing, Heat Shrink, Normal Wall, 2:1, 1.6mm, Green, 5m	15111
Tubing, Heat Shrink, Normal Wall, 2:1, 2.4mm, Green, 5m	15112
Tubing, Heat Shrink, Normal Wall, 2:1, 3.2mm, Green, 5m	15113
Tubing, Heat Shrink, Normal Wall, 2:1, 4.8mm, Green, 5m	15114
Tubing, Heat Shrink, Normal Wall, 2:1, 6.4mm, Green, 5m	15115
Tubing, Heat Shrink, Normal Wall, 2:1, 9.5mm, Green, 5m	15116
Tubing, Heat Shrink, Normal Wall, 2:1, 12.7mm, Green, 5m	15117
Tubing, Heat Shrink, Normal Wall, 2:1, 19mm, Green, 5m	15118
Tubing, Heat Shrink, Normal Wall, 2:1, 25.4mm, Green, 5m	15119
Tubing, Heat Shrink, Normal Wall, 2:1, 38.1mm, Green, 5m	15120
Tubing, Heat Shrink, Normal Wall, 2:1, 50.8mm, Green, 5m	15121
Tubing, Heat Shrink, Normal Wall, 2:1, 50.8mm, Grey, 25m	13643GRY

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