

# 2:1 Normal Wall Heatshrink Kit

pro-POWER



## Applications

The heat shrink tubing is manufactured with modified radiation cross-linked polyolefin. The specially designed halogen free formulation makes the tubing very flexible and shrink 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.

**RoHS  
Compliant**

## Characteristics

Operating Temperature : -55°C to +125°C  
Min. Shrink Temperature : 70°C  
Shrink Ratio : 2:1  
Standard Colour : Black and Red  
Halogen Free

## Kit Contains

- 2:1 normal wall, 4.8mm  
(50mm: 20pcs × red, 20pcs × black)
- 2:1 normal wall, 6.4mm  
(50mm: 15pcs × red, 15pcs × black)
- 2:1 normal wall, 9.5mm  
(70mm: 10pcs × red, 10pcs × black)
- 2:1 normal wall, 12.7mm  
(100mm: 5pcs × red, 5pcs × black)

## Technical Data

Property	Test Method	Standard Value
Tensile Strength	ASTM D 2671	≥ 10.4MPa
Ultimate Elongation	ASTM D 2671	≥200%
Longitudinal Shrinkage	UL 224	±5%
Heat Aging Tensile Strength Ultimate Elongation	158°C, 168hrs	≥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 <sup>14</sup> Ωcm
Copper Stability	UL224	Pass
Copper Corrosion	UL224	No corrosion

## Normal Wall 2:1 Heat Shrinkable Tubing

Size	As supplied	After recovery	
	Internal Diameter Min.	Internal Diameter Max.	Wall Thickness of Adhesive
3.2mm	3.5 $\pm$ 0.2mm	1.5mm	0.4mm
4.8mm	5 $\pm$ 0.2mm	2.3mm	0.5mm
9.5mm	9.5 $\pm$ 0.3mm	4.5mm	0.6mm
12.7mm	12.5 $\pm$ 0.3mm	6mm	0.6mm

## Part Number Table

Description	Part Number
2:1 Heatshrink Kit, Black and Red Sleeves	HSKITBLKRED

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