

# 3:1 Dual Wall Heat Shrink Tubing Kit Black

pro-POWER

RoHS  
Compliant



## Features

- Operating temperature -45°C to +125°C
- Minimum shrink temperature 70°C
- Full recovery temperature 125°C
- Shrink Ratio 3:1
- Approvals: UL224, 125°C 600V VW-1
- Colour: Black

## Applications

Manufactured by co-extrusion of polyolefin and hot-melt adhesive. Designed to provide both insulation and sealing for protected articles. Used to protect auto wires, shipping cable, bundle wires and metal tubes against water and moisture. A high expansion ratio makes it possible to repair the most damaged cable jackets without removing connectors.

## Kit Contains

- 3.2mm (45mm length) × 50
- 4.8mm (45mm length) × 30
- 9.5mm (70mm length) × 20
- 12.7mm (70mm length) × 10
- 19.1mm (70mm Length) × 10

## Technical Data - Out Jacket Material

Property	Test Method	Typical Data
Tensile Strength	ASTM D2671	≥12 Mpa
Ultimate Elongation	ASTM D2671	≥300%
Longitudinal Shrinkage	UL 224	±8%
Heat Aging Ultimate Elongation	158°C, 168hrs	≥200%
Flammability	VW-1	Pass (out jacket only)
Dielectric Strength	IEC 243	≥15kV/mm
Volume Resistivity (ohm-cm)	UL224	≥10 <sup>14</sup> Ω.cm
Copper Stability	ASTM D 2671	Pass
Corrosion	UL224	No Corrosion

## Technical Data - Adhesive

Property	Test Method	Typical Data
Water Absorption	ISO 62	<0.2%
Softening Point	ASTM D E28	95°C
Longitudinal Shrinkage	UL 224	0 to -10%
Peel Strength (to PE)	ASTM D 1000	120N/25m
Peel Strength (to AL)	ASTM D 1000	80N/25m

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## Product Dimensions

Size		As supplied	After Recovery		
Inch	mm	Internal diameter Min.(mm)	Internal diameter Max.(mm)	Total Wall Thickness(mm)	Wall Thickness of Adhesive
1/8	3.2	3.2	1	0.9 ±0.3	0.35 ±0.2
3/16	4.8	4.8	1.6	1.05 ±0.3	0.4 ±0.2
3/8	9.5	9.5	3.2	1.45 ±0.3	0.5 ±0.2
1/2	12.7	12.7	4.2	1.65 ±0.3	0.5 ±0.2
3/4	19.1	19.1	6.3	1.95 ±0.3	0.6 ±0.3

## Part Number Table

Description	Part Number
Heat Shrink Tubing Kit, Polyolefin, 3:1, Dual Wall, Black, 120 Pcs	HSKIT3:1DUALWALL

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