

# TECHNICAL DATA SHEET

**PRO-ELEC**

RoHS  
Compliant

## 2:1 THIN WALL HEAT SHRINK TUBING

## MODELS: PELB0587- PELB0592

### Characteristics:

Ultra-thin wall  
Halogen free  
Operating temperature: -55°C to +125°C  
Minimum shrink temperature: 70°C  
Full recovery temperature: 125°C  
Shrink ratio: 2:1  
Meets Sony-SS-00259  
Colour: Black  
Length: 1.2m



### Applications:

Typically used where rapid shrinking and space saving is important. Low shrink temperature further reduces installation time and risk of damage to temperature sensitive components. Halogen-free formulation makes this a product that meets higher environmental standards.

### Technical Data:

Property	Test Method	Typical Data
Tensile Strength	ASTM D2671	≥10.4Mpa
Ultimate Elongation	ASTM D2671	≥200%
Longitudinal Shrinkage	UL 224	±5%
Heat Aging Tensile Strength	158°C, 168 hours	≥7.3Mpa
Ultimate Elongation		≥100%
Heat Shock	250°C, 4 hours	No cracking, no dripping
Flammability	FMVSS302	Pass
Dielectric Strength	ASTM D150	≥15kV/mm
Volume Resistivity	ASTM D2671	≥1x10 <sup>14</sup> Ω/cm
Copper Stability	UL 224	Pass
Copper Corrosion	UL 224	No corrosion

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## Dimensions:

Size		As Supplied (mm)	After Recovery (mm)	
Inch	Metric (mm)		Internal Diameter	Wall Thickness
1/16	1.60	1.40±0.2	0.65	0.20±0.10
3/32	2.40	2.40±0.2	1.00	0.22±0.10
1/8	3.20	3.40±0.2	1.50	0.28±0.10
3/16	4.80	4.90±0.2	2.30	0.30±0.10
1/4	6.40	6.50±0.2	6.40	0.32±0.10

## Product Codes:

Description	Code
2:1 Thin Wall Heatshrink, 1.20mm	PELB0587
2:1 Thin Wall Heatshrink, 1.60mm	PELB0588
2:1 Thin Wall Heatshrink, 2.40mm	PELB0589
2:1 Thin Wall Heatshrink, 3.20mm	PELB0590
2:1 Thin Wall Heatshrink, 4.80mm	PELB0591
2:1 Thin Wall Heatshrink, 6.40mm	PELB0592

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