

# 2:1 Ultra Thin Wall Polyolefin Heatshrink Tubing multicomp<sup>PRO</sup>

RoHS  
Compliant



MCP00046



MCP00042

## Features

- 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

## 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	Standard Value
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, 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> Ω <sup>cm</sup>
Copper Stability	UL224	Pass
Copper Corrosion	UL224	No corrosion

## Product Dimensions (inch/mm)

Size		As supplied	After Recovery	
Inch	Metric(mm)	Internal diameter (mm)	Internal diameter Max (mm)	Wall thickness Nom (mm)
1/16	1.6	1.4 ±0.2	0.65	0.2 ±0.1
3/32	2.4	2.4 ±0.2	1	0.22 ±0.1
1/8	3.2	3.4 ±0.2	1.5	0.28 ±0.1
3/16	4.8	4.9 ±0.2	2.3	0.3 ±0.1
1/4	6.4	6.5 ±0.2	3	0.32 ±0.1

Newark.com/multicomp-pro  
Farnell.com/multicomp-pro  
Element14.com/multicomp-pro

multicomp<sup>PRO</sup>

# 2:1 Ultra Thin Wall Polyolefin Heatshrink Tubing **multicomp** PRO

---

## Part Number Table

Description	Length	Part Number
Ultra Thin Wall Heatshrink Tubing, 2:1, Black, 1.6mm	1.2m	MCP00043
Ultra Thin Wall Heatshrink Tubing, 2:1, Black, 2.4mm		MCP00044
Ultra Thin Wall Heatshrink Tubing, 2:1, Black, 3.2mm		MCP00045
Ultra Thin Wall Heatshrink Tubing, 2:1, Black, 4.8mm		MCP00046
Ultra Thin Wall Heatshrink Tubing, 2:1, Black, 6.4mm		MCP00047

**Important Notice :** This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

Newark.com/multicomp-pro  
Farnell.com/multicomp-pro  
Element14.com/multicomp-pro

**multicomp** PRO