

# Normal Wall Tubing (2X)

Low Smoke, Halogen Free, Polyolefin, Heat Shrink

pro-POWER



RoHS  
Compliant

## Description

The series of 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 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.

## Specifications

Halogen Free	
Operating temperature	: -55°C to +125°C
Minimum shrink temperature	: 70°C
Full recovery temperature	: 125°C
Shrink Ratio	: 2:1
Colour	: Black

## 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 Ultimate Elongation	158°C, 168hrs	≥7.3Mpa ≥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·Cm
Copper Stability	UL224	Pass
Copper Corrosion	UL224	No corrosion

## Product Dimensions

Part Number	Size		As supplied	After Recovery	
	Inch	mm	Internal Diameter (mm)	Internal Diameter (mm)	Wall Thickness (mm)
PP001845	1/16	1.6	1.5 ±0.2	0.65	0.28 ±0.1
PP001846	3/32	2.4	2.5 ±0.2	1	0.35 ±0.1
PP001847	1/8	3.2	3.5 ±0.2	1.5	0.4 ±0.1

www.element14.com  
www.farnell.com  
www.newark.com  
www.cpc.co.uk

pro-POWER

# Normal Wall Tubing (2X)

Low Smoke, Halogen Free, Polyolefin, Heat Shrink



Part Number	Size		As supplied	After Recovery	
	Inch	mm	Internal Diameter (mm)	Internal Diameter (mm)	Wall Thickness (mm)
PP001848	3/16	4.8	5 ±0.2	2.3	0.5 ±0.1
PP001849	1/4	6.4	6.5 ±0.2	3	0.55 ±0.1
PP001850	3/8	9.5	9.5 ±0.3	4.5	0.6 ±0.1
PP001851	1/2	12.7	12.5 ±0.3	6	0.6 ±0.1
PP001852	3/4	19	19 ±0.5	9	0.8 ±0.15
PP001853	1	25.4	26 ±0.5	12.5	0.9 ±0.15

## Part Number Table

Description	Part Number
Tubing, Heat Shrink, 2:1, Box/Reel, 1.6mm, Black, 20m	PP001845
Tubing, Heat Shrink, 2:1, Box/Reel, 2.4mm, Black, 15m	PP001846
Tubing, Heat Shrink, 2:1, Box/Reel, 3.2mm, Black, 15m	PP001847
Tubing, Heat Shrink, 2:1, Box/Reel, 4.8mm, Black, 12m	PP001848
Tubing, Heat Shrink, 2:1, Box/Reel, 6.4mm, Black, 12m	PP001849
Tubing, Heat Shrink, 2:1, Box/Reel, 9.5mm, Black, 8m	PP001850
Tubing, Heat Shrink, 2:1, Box/Reel, 12.7mm, Black, 8m	PP001851
Tubing, Heat Shrink, 2:1, Box/Reel, 19mm, Black, 5m	PP001852
Tubing, Heat Shrink, 2:1, Box/Reel, 25.4mm, Black, 5m	PP001853

**Important Notice** : This data sheet and its contents (the "Information") belong to the members of the Premier Farnell 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. pro-POWER is the registered trademark of the Group. © Premier Farnell Limited 2016.

# X-ON Electronics

Authorized Distributor

*Click to view similar products for [Pro Power manufacturer](#).*

Other Similar products are found below :

[PPCY4C075100M](#) [PPCY3C10050M](#) [PPC217](#) [PP001328](#) [PP001316](#) [PP001109](#) [PP001088](#)

[PP000940](#) [PP030](#) [PP000909](#) [PP001326](#) [PP001308](#) [PP000877](#) [PP000868](#) [PP000704](#)

[PP001163](#) [PP001156](#) [PP001085](#) [PP000510](#) [PP001076](#) [PP000944](#) [PP000914](#) [PP000407](#)

[PP000386](#) [PP000870](#)