

# Normal Wall Tubing (2X)

Low Smoke, Halogen Free, Polyolefin, Heat Shrink

pro-POWER



## Description

Provides both commercial and military applications electrical insulation and protects in-line components, disconnect terminals and splices with its high strength and excellent resilience. Bundles wires for very flexible light-duty harnesses. Identifies or colour-codes wires, cables, terminals and components.

RoHS  
Compliant

## Specifications

Operating temperature : -55°C to +135°C  
 Minimum Shrink temperature : 70°C  
 Minimum Full recovery temperature : 120°C  
 Shrink Ratio : 2:1  
 Colours : Red and Blue  
 Approvals : UL224, 125°C 600V VW-1  
 Meets the AMS- DTL-23053/5 class1&3  
 Resistant to common fluids and solvents

## 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
Dielectric Strength	ASTM D150	≥15kV/mm
Volume Resistivity	ASTM D2671	≥1x10 <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)
PP001898	1/16	1.6	1.5 ±0.2	0.65	0.28 ±0.1
PP001907					
PP001899	3/32	2.4	2.5 ±0.2	1	0.35 ±0.1
PP001908					
PP001900	1/8	3.2	3.5 ±0.2	1.5	0.4 ±0.1
PP001909					

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

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Part Number	Size		As supplied	After Recovery	
	Inch	mm	Internal Diameter (mm)	Internal Diameter (mm)	Wall Thickness (mm)
PP001901	3/16	4.8	5 ±0.2	2.3	0.5 ±0.1
PP001910					
PP001902	1/4	6.4	6.5 ±0.2	3	0.55 ±0.1
PP001911					
PP001903	3/8	9.5	9.5 ±0.3	4.5	0.6 ±0.1
PP001912					
PP001904	1/2	12.7	12.5 ±0.3	6	0.6 ±0.1
PP001913					
PP001905	3/4	19	19 ±0.5	9	0.8 ±0.15
PP001914					
PP001906	1	25.4	26 ±0.5	12.5	0.9 ±0.15
PP001915					

## Part Number Table

Description	Part Number
Tubing, Heat Shrink, 2:1, Boxed, 1.6mm, Red, 20m	PP001898
Tubing, Heat Shrink, 2:1, Boxed, 2.4mm, Red, 15m	PP001899
Tubing, Heat Shrink, 2:1, Boxed, 3.2mm, Red, 15m	PP001900
Tubing, Heat Shrink, 2:1, Boxed, 4.8mm, Red, 12m	PP001901
Tubing, Heat Shrink, 2:1, Boxed, 6.4mm, Red, 12m	PP001902
Tubing, Heat Shrink, 2:1, Boxed, 9.5mm, Red, 8m	PP001903
Tubing, Heat Shrink, 2:1, Boxed, 12.7mm, Red, 8m	PP001904
Tubing, Heat Shrink, 2:1, Boxed, 19mm, Red, 5m	PP001905
Tubing, Heat Shrink, 2:1, Boxed, 25.4mm, Red, 5m	PP001906
Tubing, Heat Shrink, 2:1, Boxed, 1.6mm, Blue, 20m	PP001907
Tubing, Heat Shrink, 2:1, Boxed, 2.4mm, Blue, 15m	PP001908
Tubing, Heat Shrink, 2:1, Boxed, 3.2mm, Blue, 15m	PP001909
Tubing, Heat Shrink, 2:1, Boxed, 4.8mm, Blue, 12m	PP001910
Tubing, Heat Shrink, 2:1, Boxed, 6.4mm, Blue, 12m	PP001911
Tubing, Heat Shrink, 2:1, Boxed, 9.5mm, Blue, 8m	PP001912
Tubing, Heat Shrink, 2:1, Boxed, 12.7mm, Blue, 8m	PP001913
Tubing, Heat Shrink, 2:1, Boxed, 19mm, Blue, 5m	PP001914
Tubing, Heat Shrink, 2:1, Boxed, 25.4mm, Blue, 5m	PP001915

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