

# Normal Wall Tubing (2X)

Low Smoke, Halogen Free, Polyolefin, Heat Shrink

pro-POWER



RoHS  
Compliant

## Description

As a kind of totally environmental friendly heat shrinkable tube, it is made of specially designed Polyolefin. It produces neither toxic smoke or harmful substances when burning, which meets the growing demand of environmental protection. Widely used in electronic appliances, light and communication industries.

## Specifications

Halogen Free  
Operating temperature : -55°C to +105°C  
Minimum shrink temperature : 70°C  
Minimum Full recovery temperature : 105°C  
Shrink Ratio : 2:1  
Colour : Natural

## 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<br>Tensile Strength<br>Ultimate Elongation | 158°C, 168hrs | ≥7.3Mpa<br>≥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) |
| PP001854    | 1/16 | 1.6 | 1.5 ±0.2               | 0.65                   | 0.28 ±0.1           |
| PP001855    | 3/32 | 2.4 | 2.5 ±0.2               | 1                      | 0.35 ±0.1           |
| PP001856    | 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

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|-------------|------|------|------------------------|------------------------|---------------------|
|             | Inch | mm   | Internal Diameter (mm) | Internal Diameter (mm) | Wall Thickness (mm) |
| PP001857    | 3/16 | 4.8  | 5 ±0.2                 | 2.3                    | 0.5 ±0.1            |
| PP001858    | 1/4  | 6.4  | 6.5 ±0.2               | 3                      | 0.55 ±0.1           |
| PP001859    | 3/8  | 9.5  | 9.5 ±0.3               | 4.5                    | 0.6 ±0.1            |
| PP001860    | 1/2  | 12.7 | 12.5 ±0.3              | 6                      | 0.6 ±0.1            |
| PP001861    | 3/4  | 19   | 19 ±0.5                | 9                      | 0.8 ±0.15           |
| PP001862    | 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, Natural, 20m | PP001854    |
| Tubing, Heat Shrink, 2:1, Box/Reel, 2.4mm, Natural, 15m | PP001855    |
| Tubing, Heat Shrink, 2:1, Box/Reel, 3.2mm, Natural, 15m | PP001856    |
| Tubing, Heat Shrink, 2:1, Box/Reel, 4.8mm, Natural, 12m | PP001857    |
| Tubing, Heat Shrink, 2:1, Box/Reel, 6.4mm, Natural, 12m | PP001858    |
| Tubing, Heat Shrink, 2:1, Box/Reel, 9.5mm, Natural, 8m  | PP001859    |
| Tubing, Heat Shrink, 2:1, Box/Reel, 12.7mm, Natural, 8m | PP001860    |
| Tubing, Heat Shrink, 2:1, Box/Reel, 19mm, Natural, 5m   | PP001861    |
| Tubing, Heat Shrink, 2:1, Box/Reel, 25.4mm, Natural, 5m | PP001862    |

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