



Features:

- Semi-rigid, adhesive lined, polyolefin tubing
- 3:1 shrink ratio
- Splash-resistant, moisture-resistant covering
- Rugged protection against abrasion, vibration and flexing
- Excellent strain relief and insulation of weak points
- Operation temperature range : -55°C to 125°C

Dimension Table:

| Size | | As supplied (mm) | | | After Recovered (mm) | | | |
|------|-------|------------------|----------------------|-----------|----------------------|----------------------|--------------------|----------------|
| Inch | mm | I.D. | Total Wall Thickness | O.D. | I.D. | Total Wall Thickness | Adhesive Thickness | O.D. |
| 1/8 | φ3.2 | 3.6 ±0.4 | 0.3 ±0.15 | 4.2 ±0.7 | 1 +0/-0.2 | 0.9 ±0.3 | 0.4 ±0.2 | 2.8 +0.6/-0.8 |
| 3/16 | φ4.8 | 5.2 ±0.4 | 0.35 ±0.15 | 5.9 ±0.7 | 1.6 +0/-0.3 | 1.05 ±0.3 | 0.4 ±0.2 | 3.7 +0.6/-0.9 |
| 1/4 | φ6.4 | 7 ±0.5 | 0.4 ±0.2 | 7.8 ±0.9 | 2.2 +0/-0.3 | 1.25 ±0.3 | 0.45 ±0.2 | 4.7 +0.6/-0.9 |
| 5/16 | φ7.9 | 8.5 ±0.5 | 0.45 ±0.2 | 9.4 ±0.9 | 2.7 +0/-0.4 | 1.35 ±0.3 | 0.45 ±0.2 | 5.4 +0.6/-1 |
| 3/8 | φ9.5 | 10 ±0.5 | 0.45 ±0.2 | 10.9 ±0.9 | 3.2 +0/-0.4 | 1.45 ±0.3 | 0.5 ±0.2 | 6.1 +0.6/-1 |
| 1/2 | φ12.7 | 13.2 ±0.5 | 0.5 ±0.25 | 14.2 ±1 | 4.2 +0/-0.4 | 1.65 ±0.3 | 0.5 ±0.2 | 7.5 +0.6/-1 |
| 5/8 | φ15 | 15.5 ±0.5 | 0.55 ±0.25 | 16.6 ±1 | 5.2 +0/-0.4 | 1.8 ±0.3 | 0.55 ±0.3 | 8.8 +0.6/-1 |
| 3/4 | φ19.1 | 19.8 ±0.7 | 0.6 ±0.25 | 21 ±1.2 | 6.3 +0/-0.5 | 1.95 ±0.3 | 0.6 ±0.3 | 10.2 +0.6/-1.1 |

Dimensions : Millimetres

Product Properties:

| Property (Units) | Test Method | Requirement |
|------------------|-------------|-------------|
|------------------|-------------|-------------|

Physical

| | | |
|---------------------------|---------------|-------------|
| Tensile Strength (psi) | ASTM D638 | 1,500 min. |
| Elongation (%) | ASTM D638 | 300 min. |
| Cold Impact (-55°C) | ASTM D746 | no cracking |
| Heat Shock (250°C, 4 hrs) | AMS-DTL-23053 | no cracking |
| Secant Modulus (psi) | ASTM D882 | 25,000 max. |
| Longitudinal Change (%) | AMS-DTL-23053 | ±5 |

Electrical

| | | |
|----------------------------------|-----------|----------------------|
| Dielectric Strength (Volts / mm) | ASTM D876 | 1,500 min. |
| Volume Resistivity (Ω-cm) | ASTM D876 | 1 × 10 ¹⁴ |

Chemical

| | | |
|---------------------------------|-----------|--------------|
| Corrosion | UL224 | no corrosion |
| Water Absorption (%) | ASTM D570 | 2 max. |
| Fluid Resistance (23°C, 24 hrs) | - | Good |
| Flammability | UL224 | Pass |

Part Number Table

| Description | Part Number |
|---|-------------|
| Heat Shrink Tubing, 3:1, 1/8", 3.2mm, BLK, 10m | HS114 |
| Heat Shrink Tubing, 3:1, 3/16", 4.8mm, BLK, 10m | HS115 |
| Heat Shrink Tubing, 3:1, 1/4", 6.4mm, BLK, 10m | HS116 |
| Heat Shrink Tubing, 3:1, 5/16", 7.9mm, BLK, 10m | HS117 |
| Heat Shrink Tubing, 3:1, 3/8", 9.5mm, BLK, 10m | HS118 |
| Heat Shrink Tubing, 3:1, 1/2", 12.7mm, BLK, 10m | HS119 |
| Heat Shrink Tubing, 3:1, 5/8", 15mm, BLK, 10m | HS120 |
| Heat Shrink Tubing, 3:1, 3/4", 19.1mm, BLK, 10m | HS121 |

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 plc 2012.

X-ON Electronics

Authorized Distributor

Click to view similar products for [Wire Identification](#) category.

Click to view products by [Pro Power](#) manufacturer.

Other Similar products are found below :

[H050X034H2T](#) [H050X034H4T](#) [H075X025F1T](#) [H100X025H2T2](#) [H100X064H2T](#)
[H200X025H1T2](#) [H200X025H2T2](#) [H200X122H2T2](#) [T50RETFEBUC1](#) [T50R2M4UL](#)
[T50R0PPM4](#) [T50L1STNLM4](#) [T30R0HSM4](#) [SEZ1WLL](#) [SEZ1WHLL](#) [SEZ1DLL](#)
[S075X150VAC](#) [PCLCP300AZ](#) [PCA18R](#) [H200X044H2T](#) [H200X034F1T](#) [H100X084F2T](#)
[H100X044F13](#) [H100X025H1T2](#) [H100X025F1TB](#)