

Flexible Flame Retardant Polyolefin Tubing Low Shrink Temperature 2:1 Ratio



Highly flexible, low shrink temperature polyolefin tubing used for insulating, jacketing and bundling of wire harnesses and components. Made from flame retardant polyolefin, it offers a good balance of electrical, mechanical, chemical and physical properties.

- Operating Temperature Range -55°C to 125°C
- Shrink Temperature 80°C
- Shrink Ratio 2:1
- Low Shrink Temp.

Shrink Sleeve

The Worldwide Tubing Solution

Shrink Sleeve Limited is a leading company providing electrical and mechanical heat shrink tubes for a variety of industries and applications. Starting from products created by extensive developmental research. Shrink Sleeve Limited continues to respond to needs of customers and aims to become one of the most powerful heat shrink tube brands in the 21st Century.

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Technical Data

| Property | Test Method | Values |
|----------------------------|--------------------------------|-------------------------------------|
| Tensile Strength | ISO 37 | 10 MPa min. |
| Ultimate Elongation | ISO 37 | 200% max. |
| Specific Gravity | ISO 1183 | 1.35 max. |
| Heat Shock | ASTM D 2671 (4hrs at 200°C) | No dripping, cracking or flowing |
| Heat Ageing | ISO188(168hrs at 150°C) | |
| Ultimate Elongation | ISO 37 | 150% min. |
| Low Temperature | ASTM D 2671 | No cracking |
| Flexibility | (4hrs at -45°C) | |
| Flammability(Except Clear) | ASTM D 876 | Pass |
| Electric Strength | ICE 243 | 15KV/mm min. |
| Corrosion(Copper Contact) | ASTM D 2671 | No corrosion |
| Water Absorption | ISO 62 | 0.5% max. |
| Fluid Resistance | ISO 1817 | |
| Gasoline | | |
| Hydraulic Fluid | | |
| Lubrication Oil | | |
| Tensile Strength | ISO 37 | 5 MPa min. |
| Ultimate Elongation | | 175% min. |

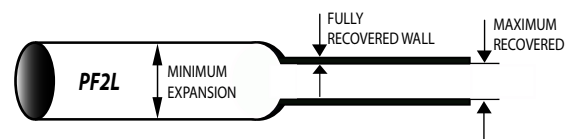
Specification References

FLAME RETARDANT



Dimensions

| ORDERING No. size ref (mm) | MINIMUM EXPANSION (mm) | MAXIMUM RECOVERED (mm) | FULLY RECOVERED WALL (mm) | STANDARD REEL LENGTH (M) |
|----------------------------------|------------------------------|------------------------------|---------------------------------|--------------------------------|
| 1.2 | 1.2 | 0.6 | 0.33 | 150 |
| 1.6 | 1.6 | 0.8 | 0.33 | 150 |
| 2.4 | 2.4 | 1.2 | 0.44 | 150 |
| 3.2 | 3.2 | 1.6 | 0.44 | 150 |
| 4.8 | 4.8 | 2.4 | 0.44 | 150 |
| 6.4 | 6.4 | 3.2 | 0.56 | 75 |
| 9.5 | 9.5 | 4.8 | 0.56 | 75 |
| 12.7 | 12.7 | 6.4 | 0.56 | 75 |
| 19 | 19.1 | 9.5 | 0.69 | 60 |
| 25.4 | 25.4 | 12.7 | 0.77 | 60 |
| 38.1 | 38.1 | 19.0 | 1.00 | 30 |
| 50.8 | 50.8 | 25.4 | 1.15 | 30 |



Colour : Black (BK), Clear (HC)

Order : Product Size Colour

PF2L — —
Ex. 3.2mm ID Black - PF2L 3.2 BK