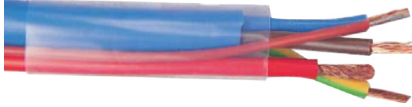


# PTFE Series 4:1

## High Temperature Heat Shrink Tubing

**multicomp** PRO



### Features:

- Natural translucent PTFE 4:1 heat shrink tubing to MIL-1-23053/12 class 3, AMS3584 when heated to 327°C
- Non-flammable to ASTM D876
- Ideal for covering rollers, heaters, probes, high temperature terminals etc
- Good electrical, high temperature and chemical resistance and corrosion properties

### Specifications:

| Property                    | Test Method           | Value       |
|-----------------------------|-----------------------|-------------|
| <b>Physical</b>             |                       |             |
| Tensile                     | psi minimum           | ASTM D638   |
| Elongation                  | % minimum             |             |
| Specific Gravity            |                       | 2.11 - 2.19 |
| Low Temperature Flex        | MIL-1-23053           | No cracking |
| Coefficient of Friction     | -                     | 0.1         |
| Flexural Modules            | psi × 10 <sup>3</sup> | ASTM D798   |
| Impact Strength             | ft.lb / in            | ASTM D258   |
| Heat Deflection Temperature | 66 psi °F             | ASTM D648   |
| <b>Electrical</b>           |                       |             |
| Dielectric Strength         | Volts / mm            | ASTM D876   |
| Volume Resistivity          | Ω-cm                  |             |
| Dielectric Constant         |                       | ASTM D150   |
| <b>Chemical</b>             |                       |             |
| Water Absorption            | % maximum             | ASTM D570   |
| Corrosion (copper contact)  |                       | MIL-1-23053 |
| Flammability                |                       | ASTM D876   |
| Fluid Resistance            |                       | MIL-1-23053 |
| Operating Temperature       | °C                    | -           |

### Specifications Table

| Ordering Size | Min. Expansion Inches (mm) | Max. Recovered | Nominal Recovered Wall | Shrunk (mm) | Longitudinal Change Rate | Length (m) | Part Number   |
|---------------|----------------------------|----------------|------------------------|-------------|--------------------------|------------|---------------|
| 5/64          | 0.078 (1.981)              | 0.025          | 0.009                  | 0.5         | ±10% max.                | 1.2        | STFE4 2.0 CLR |
| 1/8           | 0.125 (3.175)              | 0.037          | 0.01                   | 0.8         |                          |            | STFE4 3.2 CLR |

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## High Temperature Heat Shrink Tubing



| Ordering Size | Min. Expansion Inches (mm) | Max. Recovered | Nominal Recovered Wall | Shrunk (mm) | Longitudinal Change Rate | Length (m) | Part Number    |
|---------------|----------------------------|----------------|------------------------|-------------|--------------------------|------------|----------------|
| 3/16          | 0.187 (4.75)               | 0.05           | 0.012                  | 1.2         | ±10% max.                | 1.2        | STFE4 4.8 CLR  |
| 1/4           | 0.25 (6.35)                | 0.063          |                        | 1.3         |                          |            | STFE4 6.4 CLR  |
| 3/8           | 0.375 (9.525)              | 0.096          |                        | 2.4         |                          |            | STFE4 9.5 CLR  |
| 1/2           | 0.5 (12.7)                 | 0.144          | 0.015                  | 3.2         |                          |            | STFE4 12.7 CLR |
| 3/4           | 0.75 (19.05)               | 0.224          |                        | 4.8         |                          |            | STFE4 19.0 CLR |
| 1             | 1 (25.4)                   | 0.278          |                        | 6.3         |                          |            | STFE4 25.4 CLR |

Dimensions : Inches (Millimetres) (Unless Specified)

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