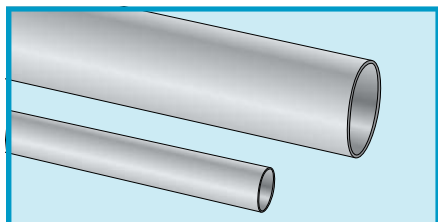


# FIT® Wire Management

## Flexible PTFE Thin-Wall Tubing

### TFT-200



#### ASTM D 3295-81a Type I Class B AMS 3655

- Flexible wire protection for harnesses and ground straps
- Resistance to heat, oil, and abrasion

#### Operating Temperature

- -75°C to +260°C

#### Color

- Natural

#### Material

- PTFE

#### Physical Properties

- Tensile strength: 2000 psi (13.7 N/mm<sup>2</sup>)
- Elongation: 200% min.
- Specific gravity: 2.18
- Flammability rating: UL 94V-0

#### Chemical Properties

- Corrosive effect: none
- Fungus resistance: no growth
- Water absorption: 0.01%
- Lead free

#### Electrical Properties

- Dielectric strength: 1400 V/mil (55 kV/cm)
- Volume resistivity: 10<sup>18</sup> ohm-cm
- Dielectric constant: 2.1

#### Availability

See table

Spools may contain multiple lengths

TFT-200-7 and larger supplied as coils

| Part No.   | Inside Diameter, Min. |      | Inside Diameter, Max. |      | Wall Thickness, Min. |      | Standard Put-Ups |                |
|------------|-----------------------|------|-----------------------|------|----------------------|------|------------------|----------------|
|            | Inch                  | mm   | Inch                  | mm   | Inch                 | mm   | Ft               | m              |
| TFT-200-30 | 0.010                 | 0.25 | 0.015                 | 0.38 | 0.009                | 0.23 | 100, 500, 1000   | 30.5, 152, 305 |
| TFT-200-28 | 0.013                 | 0.33 | 0.018                 | 0.46 | 0.009                | 0.23 | 100, 500, 1000   | 30.5, 152, 305 |
| TFT-200-26 | 0.016                 | 0.41 | 0.021                 | 0.53 | 0.009                | 0.23 | 100, 500, 1000   | 30.5, 152, 305 |
| TFT-200-24 | 0.020                 | 0.51 | 0.026                 | 0.66 | 0.010                | 0.25 | 100, 500, 1000   | 30.5, 152, 305 |
| TFT-200-22 | 0.026                 | 0.66 | 0.032                 | 0.81 | 0.010                | 0.25 | 100, 500, 1000   | 30.5, 152, 305 |
| TFT-200-20 | 0.032                 | 0.81 | 0.04                  | 1.02 | 0.012                | 0.30 | 100, 500, 1000   | 30.5, 152, 305 |
| TFT-200-19 | 0.036                 | 0.91 | 0.042                 | 1.07 | 0.012                | 0.30 | 100, 1000        | 30.5, 305      |
| TFT-200-18 | 0.040                 | 1.02 | 0.046                 | 1.17 | 0.012                | 0.30 | 100, 500, 1000   | 30.5, 152, 305 |
| TFT-200-17 | 0.045                 | 1.14 | 0.052                 | 1.32 | 0.012                | 0.30 | 100, 500, 1000   | 30.5, 152, 305 |
| TFT-200-16 | 0.051                 | 1.30 | 0.058                 | 1.47 | 0.012                | 0.30 | 100, 1000        | 30.5, 305      |
| TFT-200-15 | 0.057                 | 1.45 | 0.065                 | 1.65 | 0.012                | 0.30 | 100, 1000        | 30.5, 305      |
| TFT-200-14 | 0.064                 | 1.63 | 0.072                 | 1.83 | 0.012                | 0.30 | 100, 500         | 30.5, 152      |
| TFT-200-13 | 0.072                 | 1.83 | 0.081                 | 2.06 | 0.012                | 0.30 | 100, 500         | 30.5, 152      |
| TFT-200-12 | 0.081                 | 2.06 | 0.091                 | 2.31 | 0.012                | 0.30 | 100, 500         | 30.5, 152      |
| TFT-200-11 | 0.091                 | 2.31 | 0.101                 | 2.57 | 0.012                | 0.30 | 100, 500         | 30.5, 152      |
| TFT-200-10 | 0.102                 | 2.59 | 0.112                 | 2.84 | 0.012                | 0.30 | 100, 500         | 30.5, 152      |
| TFT-200-9  | 0.114                 | 2.90 | 0.124                 | 3.15 | 0.012                | 0.30 | 100, 500         | 30.5, 152      |
| TFT-200-8  | 0.129                 | 3.28 | 0.139                 | 3.53 | 0.015                | 0.38 | 100              | 30.5           |
| TFT-200-7  | 0.144                 | 3.66 | 0.155                 | 3.94 | 0.015                | 0.38 | 100              | 30.5           |
| TFT-200-6  | 0.162                 | 4.11 | 0.174                 | 4.42 | 0.015                | 0.38 | 100*             | 30.5*          |
| TFT-200-5  | 0.182                 | 4.62 | 0.195                 | 4.95 | 0.015                | 0.38 | 100*             | 30.5*          |
| TFT-200-4  | 0.204                 | 5.18 | 0.218                 | 5.54 | 0.015                | 0.38 | 100*             | 30.5*          |
| TFT-200-3  | 0.229                 | 5.82 | 0.244                 | 6.20 | 0.015                | 0.38 | 100*             | 30.5*          |
| TFT-200-2  | 0.258                 | 6.55 | 0.273                 | 6.93 | 0.015                | 0.38 | 100*             | 30.5*          |
| TFT-200-1  | 0.289                 | 7.34 | 0.305                 | 7.75 | 0.015                | 0.38 | 100*             | 30.5*          |
| TFT-200-0  | 0.325                 | 8.26 | 0.342                 | 8.69 | 0.015                | 0.38 | 100*             | 30.5*          |

\*Supplied as coils.



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