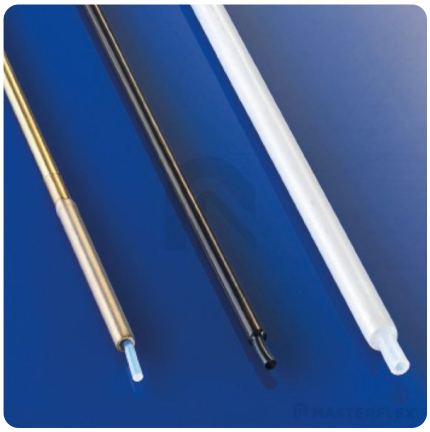
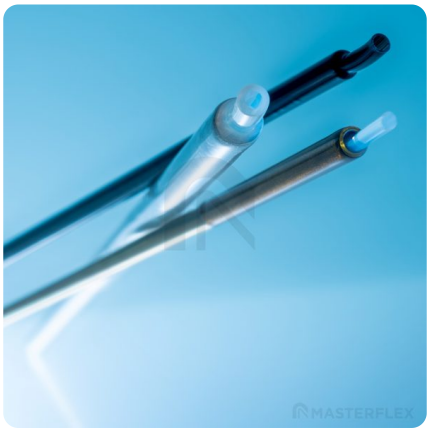




# AP-Tube PTFE FEP Dual Heat Shrink Tubing

Dual shrink tubing made from two layers of different polymers firmly bonded together

food approved | spiral-free | metal-free | resistant to chemicals | flame retardant

## Product Details

### Key facts

- Product Advantages: well suited for implementing airtight and moisture-resistant cable connections, good weldability, tubes are autoclavable or steam sterilisable, heat- and steam-resistant material, non-toxic, physiologically harmless, material with excellent non-stick properties, food compliant (FDA/EU...) depending on the product type, antistatic and electrically conductive in accordance with ATEX 94/9/EC (depending on the product type)

### Construction / Material

- Type of construction: extruded hose without metal spiral
- Specifications of the wall: non-flammable (UL 94: V0)

### Properties

- Chemical Properties: good resistance to solvents, good UV resistance, weather-resistant, free from paint wetting impairment substances (LABS), chemical inertness, good resistance to aggressive chemicals
- Mechanical Properties: high mechanical strength and surface hardness, high resistance to stress cracking, very low sliding and static friction expressed by a low coefficient of friction, high elongation at break
- Physical Properties: airtight, low water absorption, low permeation, low surface energy, good dielectric properties
- Colour: naturally transparent, white
- Other: resistance to harsh environment

### Operating Temperature

- Temperature Range: -200 to 205 °C

### Delivery Information

- Delivery, type of production: apecial sizes and lengths available on request, supplied in standard lengths of 1,22 metres

### Application Areas

- Areas of application: Robotics & Automation, Medical Technology, Semiconductor Industry, Chemistry, Food & Pharma

## Article Variants

| Type | Article number | Length (standard lengths available for order) in m | Recommended object Ø in mm | Wall after shrinkage in mm | Expanded Inner Ø in mm | Shrunk Inner Ø in mm |
|---|---|---|---|---|---|---|
| DST 036 | / | | 0.00-0.80 | 0.60 | 0.91 | 0.00 |
| DST 060 | / | | 0.00-1.40 | 0.70 | 1.52 | 0.00 |
| DST 130 | / | | 0.00-3.10 | 0.80 | 3.30 | 0.00 |
| DST 160 | / | | 0.00-3.80 | 0.80 | 4.05 | 0.00 |
| DST 190 | / | | 1.80-4.50 | 0.90 | 4.80 | 1.60 |
| DST 250 | / | | 3.60-6.00 | 0.90 | 6.40 | 3.20 |
| DST 350 | / | | 5.30-8.60 | 0.90 | 8.90 | 4.80 |
| DST 450 | / | | 8.40-11.00 | 1.40 | 11.40 | 7.90 |
| DST 700 | 010640 | | 11.00-17.40 | 1.40 | 17.80 | 11.20 |
| DST 950 | / | | 16.50-23.60 | 1.65 | 24.10 | 16.00 |

Data sheet PTFE-FEP dual heat-shrink tubing, normal wall thickness
Shrink temperature: 330 °C to +380 °C
shrink temperature: 330 °C to +380 °C

## Delivery Variants

Available in other lengths, other nominal diameters, with customer-specific customer-specific imprint.

## Disposal instructions

After use, the product must be disposed of in accordance with the legal regulations applicable in the user's region (in Germany in accordance with the applicable Waste Catalogue Ordinance (AVV)).



## Individual consultation

We offer consultation by phone: **+49 209 97077 153**

Product requests via: **https://www.masterflex.es/**

## Headquarters for your sales area

**Masterflex SE**

Willy-Brandt-Allee 300
45891 Gelsenkirchen
Germany