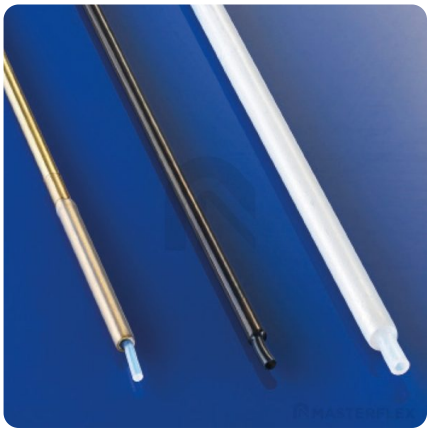
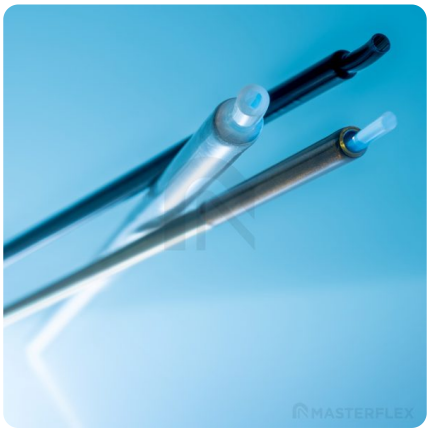




AP-Tube PTFE FEP Dual Heat Shrink Tubing

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: -200to 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	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 0**

Product requests via: **https://www.masterflex-slang.nl/**

Headquarters for your sales area

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