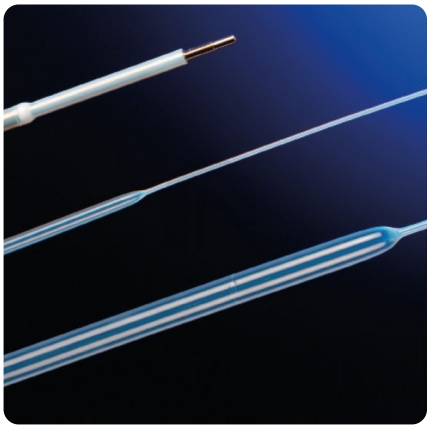




AP-Tube PTFE Heat Shrink

PTFE heat-shrink tubing with shrink ratios of 2:1 and 4:1

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

Product Details

Key facts

- Product Advantages: 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), good weldability, depending on product type, tubes are autoclavable or steam sterilisable

Construction / Material

- Type of construction: extruded hose without metal spiral
- Execution of the wall: made of electrically insulating material
- Material of the wall: fully fluorinated plastic PTFE (polytetrafluoroethylene)
- 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: very high mechanical strength and surface hardness, high resistance to stress cracking, very low sliding and static friction expressed by a low coefficient of friction, very good sliding properties, high mechanical strength at high temperatures, high elongation at break
- Physical Properties: low permeation, low surface energy, good dielectric properties
- Colour: naturally milky white, translucent, other colours available according to the RAL colour chart
- Other: resistance to harsh environment

Operating Temperature

- Temperature Range: -200 to 260 °C

Delivery Information

- Delivery, type of production: suitable for object diameters from 0 to 25 mm up to 69 to 85 mm, standard shrinkage ratios 2:1 and 4:1, other shrinkage ratios available on customer request, standard wall thicknesses: Shrinkage ratio 2:1 for three different wall thicknesses, shrinkage ratio 1:4 for one standard wall thickness, custom wall thicknesses available on request

Article Variants

Article number	Inch	Length (standard lengths available for order) in m	Wall thickness tolerance in mm	Recommended object Ø in mm	Wall after shrinkage in mm	Expanded Inner Ø in mm	Shrunk Inner Ø in mm
009882	5/64		0.05	0.80-1.80	0.22	1.98	0.64
009877	1/8		0.05	1.10-3.00	0.25	3.18	0.94
/	3/16		0.08	1.45-4.40	0.30	4.75	1.27
/	¼		0.08	1.90-6.00	0.30	6.35	1.60
/	5/16		0.08	2.40-7.60	0.30	7.92	2.00
009880	3/8		0.08	2.90-9.00	0.30	9.52	2.44
/	7/16		0.08	3.40-10.60	0.30	11.13	2.85
/	½		0.10	4.50-11.50	0.38	12.70	3.66
/	9/16		0.10	5.50-12.00	0.38	14.27	3.94
009885	5/8		0.10	6.00-13.50	0.38	15.88	4.52
/	11/16		0.10	7.00-15.00	0.38	17.45	5.03
/	¾		0.10	7.50-17.00	0.38	19.05	5.70
/	7/8		0.10	8.00-20.00	0.38	22.23	6.20
/	1		0.10	9.00-22.50	0.38	25.40	7.06
/	1 ¼		0.10	11.20-28.00	0.38	31.75	8.82
/	1 ½		0.10	12.50-34.00	0.38	38.10	10.20
/	1 ¾		0.10	13.50-40.00	0.38	44.45	11.43
/	2		0.13	15.00-46.00	0.50	50.80	13.20
/	2 ¼		0.13	16.50-53.00	0.50	57.15	14.85
/	2 ½		0.13	19.00-59.00	0.50	63.50	16.50
/	2 ¾		0.13	21.00-65.00	0.50	69.85	18.00

Data sheet PTFE heat-shrink tubing, shrink ratio 4:1

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: **+46 300 1717 0**

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

Headquarters for your sales area

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