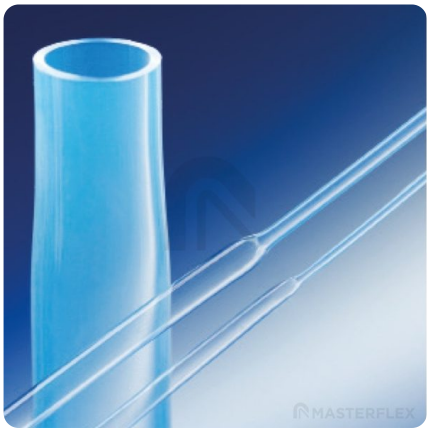


AP-Tube FEP Heat Shrink

Particularly durable FEP heat-shrink tubing with excellent elongation properties and exceptional durability

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, NSF/ANSI 51 approval (depending on the product type), food compliant (FDA/EU...) depending on the product type, Highest transparency of fully fluorinated plastics, good weldability, tubes are autoclavable or steam sterilisable, easier and faster to process than PTFE heat shrink tubing, ideally suited for temperature-sensitive objects

Construction / Material

- Type of construction: extruded hose without metal spiral
- Material of the wall: fully fluorinated plastic FEP (fluorinated ethylene propylene)
- 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 low sliding and static friction expressed by a low coefficient of friction, high elongation at break
- Physical Properties: low permeation, low surface energy, good dielectric properties
- Colour: other colours available according to the RAL colour chart
- 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, production lengths on reels or straight lengths from 1,22 metres

Application Areas

- Areas of application: Automotive, Chemistry, Industry, Plastics, Food & Pharma, Ventilation & Air-conditioning, Medical Technology, Robotics & Automation

Article Variants

Type	Article number	Wall after shrinkage in mm	Expanded Inner Ø in mm	Shrunk Inner Ø in mm
AC 24	009424	0.20+/-0.10	0.78	0.68
AC 22	/	0.20+/-0.10	0.91	0.81
AC 20	/	0.20+/-0.10	1.14	0.99
AC 18	/	0.20+/-0.10	1.52	1.24
AC 16	/	0.23+/-0.10	1.90	1.55
AC 14	/	0.23+/-0.10	2.34	1.83
AC 12	009421	0.23+/-0.10	2.92	2.26
AC 10	/	0.25+/-0.10	3.58	2.90
AC 9	/	0.25+/-0.10	4.00	3.15
AC 8	010627	0.25+/-0.10	4.57	3.63
AC 7	/	0.28+/-0.10	5.00	4.00
AC 6	/	0.28+/-0.10	5.70	4.57
AC 5	/	0.28+/-0.10	6.30	5.03
AC 4	012579	0.28+/-0.10	7.36	5.75
AC 3	/	0.28+/-0.10	7.85	6.33
AC 2	/	0.30+/-0.10	9.30	7.12
AC 1	/	0.30+/-0.10	10.16	7.90
AC 0	/	0.30+/-0.10	11.17	8.87
AC 3/8	/	0.38 +/- 0.10	12.70	9.73
AC 7/16	012623	0.50 +/- 0.10	14.70	11.38
AC ½	009419	0.50 +/- 0.10	16.93	12.95
AC 5/8	/	0.50 +/- 0.10	21.00	16.20
AC 3/4	/	0.50 +/- 0.10	25.40	19.40

Data sheet FEP Heat Shrink
Recommended shrinkage temperature: 160 °C - 190 °C
Length shrinkage of +/-10 % possible during the shrinkage process

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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