

AP-Tube FEP Convoluted

Flexible and elastic convoluted tubing made of FEP

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, material is non-stick and therefore easy to clean, 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

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: 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: rings 25/50 m, cuts, reels, lengths on request, other lengths and dimensions available on request

Application Areas

- Areas of application: Ventilation & Air-conditioning, Plant & Mechanical Engineering, Medical Technology, Robotics & Automation

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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