



AP-Tube ECTFE

ECTFE tubing for a wide range of industrial applications

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

Product Details

Key facts

- Product Advantages: heat- and steam-resistant material, material with excellent non-stick properties, material is non-stick and therefore easy to clean, food compliant (FDA/EU...) depending on the product type, lowest permeability of all fluorocarbons, good weldability, tubes are autoclavable or steam sterilisable

Construction / Material

- Type of construction: extruded hose without metal spiral
- Execution of the wall: made of highly abrasion-resistant material
- Material of the wall: partially fluorinated plastic ECTFE (ethylene-chlorotrifluoroethylene)
- 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 impact resistance, very low sliding and static friction expressed by a low coefficient of friction, high resistance to stress cracking
- Physical Properties: low surface energy, good dielectric properties, lowest permeation of all fluoropolymers
- Pressure Resistance: very pressure resistant
- Colour: transparent to translucent (depending on wall thickness), other colours available according to the RAL colour chart
- Other: resistance to harsh environment

Operating Temperature

- Temperature Range: -75 to 150 °C

Delivery Information

- Delivery, type of production: custom configurations are available, available from 0, 3 mm inner diameter up to 25 mm outer diameter, according to customer requirements in defined ring lengths, wound on spools or in sections

Application Areas

- Areas of application: Chemistry, Industry, Plant & Mechanical Engineering, Medical Technology, Robotics & Automation

Article Variants

Length (standard lengths available for order) in m

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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.it/**

Headquarters for your sales area

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