

AP-Tube THV

THV tubing offer very good barrier properties due to their very low permeation for example in biopharmaceutical applications

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, very good barrier properties, high flexibility (similar to silicone)

Construction / Material

- Type of construction: extruded hose without metal spiral
- Material of the wall: partially fluorinated plastic THV (tetrafluoroethylene, hexafluoropropylene, vinylidene fluoride)
- 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 resistance to stress cracking, high fatigue strength under bending, very low sliding and static friction expressed by a low coefficient of friction
- Physical Properties: low permeation, low surface energy, good dielectric properties
- Colour: very high transparency, other colours available according to the RAL colour chart
- Other: resistance to harsh environment

Operating Temperature

- Temperature Range: -75 to 100 °C

Delivery Information

- Delivery, type of production: available from 0, 3 mm inner diameter up to 25 mm outer diameter, customisable lengths: defined spool lengths, wound or cut to length, depending on customer requirements

Application Areas

- Areas of application: Bulk & Construction

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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