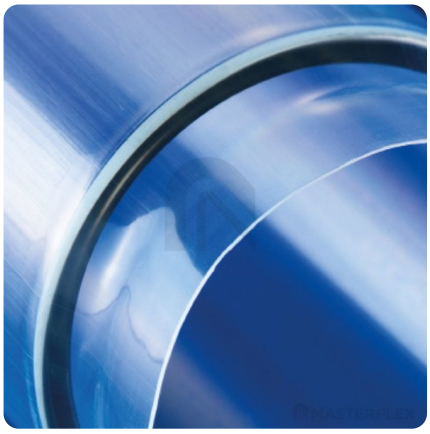
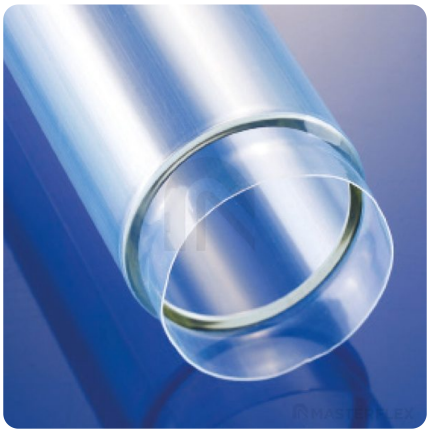




AP-Tube FEP Roller Cover

Roll-shrink tubing for coating pressure rollers, UV light sources and rollers in the food and chemical industries. Permanently temperature-resistant up to 205 °C.

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: high hardness and wear resistance, 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: -200 to 205 °C

Delivery Information

- Delivery, type of production: 12 standard sizes available for diameters from 15 to 183 mm, larger diameters, wall thicknesses and lengths adapted to customer requirements

Application Areas

- Areas of application: Chemistry, Food & Pharma, Ventilation & Air-conditioning, Plant & Mechanical Engineering

Article Variants

Type	Article number	Length (standard lengths available for order) in m	Recommended object Ø in mm	Wall after shrinkage in mm
W019	/		15.0-19.0	0.5
W025	/		19.0-25.0	0.5
W032	/		25.0-33.0	0.5
W043	/		33.0-43.0	0.5
W053	/		43.0-53.0	0.5
W066	/		53.0-66.0	0.5
W079	/		66.0-79.0	0.5
W089	/		79.0-89.0	0.5
W110	/		89.0-110.0	0.5
W132	/		110.0-132.0	0.5
W157	/		132.0-157.0	0.5
W183	/		157.0-183.0	0.5

Data Sheet FEP Roller Cover
Recommended shrink temperature: 200 °C +/-20 °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.it/**

Headquarters for your sales area

Masterflex SE

Willy-Brandt-Allee 300
45891 Gelsenkirchen
Germany