



Master-Tube TPE

Modified thermoplastic elastomer based hose, temperature resistant and flame retardant



flame retardant



food approved



spiral-free



metal-free

Product Details

Construction / Material

- Type of construction: extruded hose without metal spiral
- Execution of the wall: made of a material that is insensitive to stress corrosion cracking / made of a material with elastic properties
- Specifications of the wall: flame resistance tested according to UL 94 V2 - V0 / material complies with food regulations FDA 21 CFR § 177.2600 - 21 CFR § 178.2010

Properties

- Chemical Properties: good resistance to chemicals / good resistance to solvents / good UV resistance / halogen-free / hydrolysis resistant / plasticiser-free / good resistance to fats / free from paint wetting impairment substances (LABS)
- Mechanical Properties: small bending radius / kink-resistant
- Physical Properties: flexible at low temperatures / good damping behaviour / low water absorption
- Colour: nature

Operating Temperature

- Temperature Range: -40 to 125 °C

Delivery Information

- Delivery, type of production: inner diameter: 2.0 - 30.0 mm / outer diameter: 4.0 - 35.0 mm

Application Areas

- Areas of application: Agriculture / Automotive / Plant & Mechanical Engineering / Robotics & Automation / Industry / Aerospace technology / Bulk & Construction / Sea & Rail transport / Chemistry / Surface Technology / Food & Pharma / Plastics / Conveying, lifting & feeding technology / Textile / Printing & Paper / Vehicle Construction / Metal & Toolmaking

Customizing Options

- optional item modification (on request): printable / rolls / cut-to-size sections

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 97077-112

Product requests via
masterflex.de/en

Address Headquarters

Masterflex SE
Willy-Brandt-Allee 300
45981 Gelsenkirchen

