



Master-Tube PEX

Significantly improved stress crack resistance and extremely better tear propagation resistance. Better low temperature impact strength and improved creep resistance.



spiral-free

Product Details

Construction / Material

- Type of construction: extruded hose without metal spiral
- Execution of the wall: made of specified material, extruded, made of a material with dielectric properties
- Material of the wall: radiation crosslinked polyethylene low density

Properties

- Specifications of the product: manufactured with calibrated outer diameter
- Chemical Properties: good resistance to chemicals
- Physical Properties: low permeation values for water, water vapour and gases
- Colour: blue

Operating Temperature

- Temperature Range: -40 - 85

Delivery Information

Application Areas

- Areas of application: Agriculture, Plant & Mechanical Engineering, Robotics & Automation, Surface Technology

Customizing Options

- optional item modification (on request): other colours, other nominal widths, rolls, cut-to-size sections

Article Variants

Nominal Size (DN) mm	Outer diameter mm	Bending radius* mm	Operating pressure bar	Inner mm	Wall thickness mm	Tolerance inner & outer diameter mm	Weight g/m
2	4	20	24.1*	2	1	± 0.10	0.087
3	5	25	18.0*	3	1	± 0.10	0.116
4	6	30	14.4*	4	1	± 0.10	0.146
5	8	40	16.6*	5	1,5	± 0.10	0.284
6	8	40	10.3*	6	1	± 0.10	0.204
6	10	50	18.0*	6	2	± 0.10	0.466
7	10	50	12.7*	7	1,5	± 0.10	0.371
8	10	40	8.0*	8	1	± 0.10	0.262
9	12	60	10.30	9	1,5	± 0.15	0.459
10	12	60	6.5*	10	1	± 0.15	0.320
10	14	80	12.00	10	2	± 0.15	0.699
12	16	90	10.3*	12	2	± 0.20	0.815
14	18	120	9.0*	14	2	± 0.20	0.932

All data refer to a medium and ambient temperature of 23°C

* Smallest bending radius, related to the inside of the hose bend.

Operating pressure is given with a 3-fold safety factor and applies to the medium air, calculated values are marked with *.

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](https://www.masterflex.de/en)

Address Headquarters

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