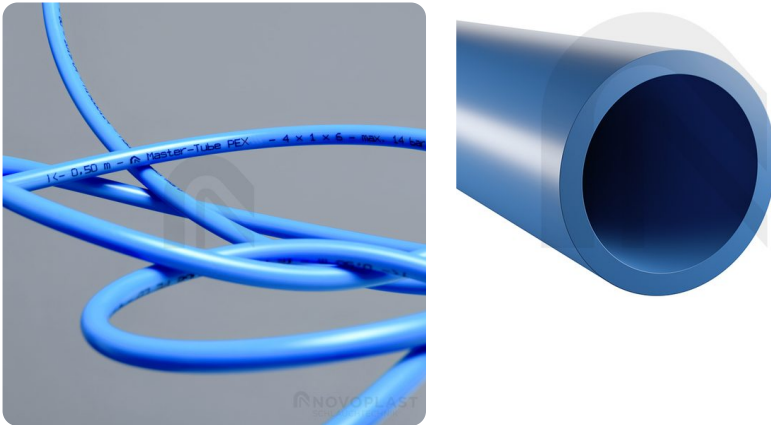




Master-Tube PEX

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



spiral-free



metal-free

Product Details

Construction / Material

- Type of construction: axially extruded tubing without seams or welds
- Execution of the wall: made of specified material, extruded,
- 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 to 85 °C

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

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

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

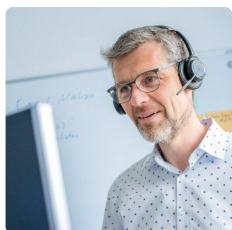
Operating pressure is given with a 3-fold safety factor and applies to the medium air, calculated values are marked with *.

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 0**

Product requests via: <https://www.masterflex.it/>

Headquarters for your sales area

Masterflex SE

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