



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

- 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.

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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