



Master-Tube PA 12w

Modified polyamide hose, abrasion resistant, LABS-free, impact resistant



spiral-free



metal-free

Product Details

Construction / Material

- Type of construction: axially extruded tubing without seams or welds
- Execution of the wall: made of highly abrasion-resistant material

Properties

- Specifications of the product: manufactured with calibrated outer diameter
- Chemical Properties: good resistance to chemicals / good UV resistance / halogen-free / hydrolysis resistant / free from paint wetting impairment substances (LABS)
- Mechanical Properties: material is resistant to stress corrosion cracking / high mechanical strength and impact resistance

Operating Temperature

- Temperature Range: -40 to 90 °C

Delivery Information

- Delivery, type of production: inner diameter: 2.0 - 18.0 mm / outer diameter: 4.0 - 22.0 mm

Application Areas

- Areas of application: Wood

Customizing Options

- optional item modification (on request): other colours / multiple hose / spiral version / shaped hose / rolls / cut-to-size sections

Article Variants

Nominal Size (DN) mm	Outer diameter mm	Bending radius* mm	Operating pressure bar	Inner diameter mm	Wall thickness mm	Tolerance inner & outer diameter mm	Weight g/m
2	4	10	46	2	1	± 0.05	9.8
2,9	4	20	22	2,9	0,55	± 0.05	6.2
3	5	20*	35*	3	1	± 0.05	13.1
4	6	20	29	4	1	± 0.10	16.3
5	8	30	35	5	1,5	± 0.10	31.9
5,5	8	40*	25*	5,5	1,25	± 0.10	27.6
6	8	40	21	6	1	± 0.10	22.9
6	10	70*	35*	6	2	± 0.10	29.4
7	10	40	25	7	1,5	± 0.10	41.7
7,5	10	70*	20*	7,5	1,25	± 0.10	35.7
8	10	40	15	8	1	± 0.10	29.4
8	12	40	32	8	2	± 0.10	65.3
9	12	70	22	9	1,5	± 0.10	51.5
10	12	90	13	10	1	± 0.10	35.9
10	14	120*	25	10	2	± 0.10	78.4
11	14	120*	16*	11	1,5	± 0.10	61.3
12	15	140*	15*	12	1,5	± 0.10	66.2
12	16	140*	20*	12	2	± 0.15	91.5
14	18	170*	17*	14	2	± 0.15	104.6
16	20	170*	15*	16	2	± 0.15	117.6
18	22	200*	14*	18	2	± 0.25	130.7

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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