



Master-Tube PA 12w

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



spiral-free

Product Details

Construction / Material

- Execution of the wall: made of highly abrasion-resistant material, made of a material that is insensitive to stress corrosion cracking, made of a material with high impact strength

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)

Operating Temperature

- Temperature Range: -40 - 90

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 mm	Wall thickness mm	Tolerance inner & outer diameter mm	Weight g/m
2	4	10	46.00	2	1	± 0.05	9.8
2,9	4	20	22.00	2,9	0,55	± 0.05	6.2
3	5	20*	35*	3	1	± 0.05	13.1
4	6	20	29.00	4	1	± 0.10	16.3
5	8	30	35.00	5	1,5	± 0.10	31.9
5,5	8	40*	25*	5,5	1,25	± 0.10	27.6
6	8	40	21.00	6	1	± 0.10	22.9
6	10	70*	35*	6	2	± 0.10	29.4
7	10	40	25.00	7	1,5	± 0.10	41.7
7,5	10	70*	20*	7,5	1,25	± 0.10	35.7
8	10	40	15.00	8	1	± 0.10	29.4
8	12	40	32.00	8	2	± 0.10	65.3
9	12	70	22.00	9	1,5	± 0.10	51.5
10	12	90	13.00	10	1	± 0.10	35.9
10	14	120*	25.00	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.

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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