



## Master-Tube PA 12w

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

### 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

#### 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

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
2,9	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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