

Master-Clip PTFE S

Article Master No.: 000361

Suction and blower hose for corrosive media up to +250°C



hydrolysis resistant



microbe resistant



compressible



very flexible



light



moderately pressure resistant

Product Details

Construction / Material

- Type of construction: Spiral hose with clamping profile
- Design of the helix: metal band, formed as a clamping profile
- Material of the helix: Steel strip, hot-dip galvanised
- Design of the external spiral: designed as an additional protective profile
- Execution of the wall: multi-layered and coated
- Material of the inner layer: PTFE foil
- Execution of the external layer: Coating in silicone
- Material of the outer layer: glass fabric

Properties

- Chemical Properties: good resistance to chemicals, weather-resistant, good ozone resistance, good UV resistance
- Mechanical Properties: compressible approx. 1:4
- Flexibility: very flexible
- Physical Properties: Heat-resistant, cold-resistant
- Weight: light
- Pressure Resistance: moderately pressure resistant
- Colour: white inside, black outside

- Other: the material PTFE is harmless to health, optimal transport of media because the inside of the hose wall is anti-adhesive

Operating Temperature

- Temperature Range: -70 - 250
- short-term maximum temperature: peaks to 270 °C

Delivery Information

- Delivery, type of production: Order-related production

Application Areas

- Areas of application: Plant & Mechanical Engineering, Ventilation & air-conditioning, Chemistry, Surface Technology, Plastics, Metal & Toolmaking

Customizing Options

- optional item modification (on request): other lengths, other nominal widths, with stainless steel spiral

Article Variants

Extended Article Number	Article number	Nominal Size (DN) mm	Bending radius* mm	Weight kg/m	Operating pressure bar	Negative pressure bar	Max. Production length m
000361:50:x	000361	50	30	0.50	0.85	0.35	20.00
000361:55:x	000361	55	33	0.50	0.78	0.29	20.00
000361:60:x	000361	60	36	0.60	0.68	0.24	20.00
000361:65:x	000361	65	39	0.70	0.59	0.21	20.00
000361:70:x	000361	70	42	0.70	0.53	0.17	20.00
000361:75:x	000361	75	45	0.80	0.47	0.15	20.00
000361:80:x	000361	80	48	0.80	0.43	0.14	20.00
000361:90:x	000361	90	54	0.90	0.36	0.11	20.00
000361:100:x	000361	100	60	1.00	0.30	0.09	20.00
000361:110:x	000361	110	66	1.10	0.26	0.07	20.00
000361:120:x	000361	120	72	1.10	0.22	0.06	20.00
000361:125:x	000361	125	75	1.20	0.21	0.05	20.00
000361:130:x	000361	130	78	1.20	0.20	0.05	20.00
000361:140:x	000361	140	84	1.30	0.18	0.05	20.00
000361:150:x	000361	150	90	1.30	0.16	0.04	20.00
000361:160:x	000361	160	96	1.30	0.14	0.03	20.00
000361:170:x	000361	170	102	1.40	0.13	0.03	20.00
000361:175:x	000361	175	105	1.40	0.12	0.03	20.00
000361:180:x	000361	180	108	1.40	0.12	0.03	20.00
000361:200:x	000361	200	120	1.60	0.10	0.02	20.00
000361:215:x	000361	215	151	1.80	0.09	0.02	15.00
000361:225:x	000361	225	158	2.00	0.08	0.02	15.00
000361:250:x	000361	250	175	2.10	0.07	0.02	15.00
000361:275:x	000361	275	193	2.30	0.06	0.01	15.00
000361:300:x	000361	300	210	2.40	0.05	0.01	15.00
000361:315:x	000361	315	221	2.60	0.05	0.01	15.00

Extended Article Number	Article number	Nominal Size (DN) mm	Bending radius* mm	Weight kg/m	Operating pressure bar	Negative pressure bar	Max. Production length m
000361:325:x	000361	325	228	2.80	0.05	0.01	15.00
000361:350:x	000361	350	245	3.30	0.04	0.01	10.00
000361:375:x	000361	375	263	3.50	0.04	0.01	10.00
000361:400:x	000361	400	280	3.80	0.03	0.01	10.00
000361:450:x	000361	450	360	4.20	0.03	0.01	10.00
000361:500:x	000361	500	400	4.70	0.02	0.01	10.00
000361:550:x	000361	550	440	5.30	0.02	0.01	6.00
000361:600:x	000361	600	480	5.90	0.02	0.01	6.00
000361:700:x	000361	700	560	6.90	0.01	0.01	6.00
000361:800:x	000361	800	640	7.60	0.01	0.01	6.00
000361:900:x	000361	900	720	8.20	0.01	0.01	5.00

All data refer to a medium and ambient temperature of +20°C.
Specification of the bending radius related to the inside of the hose bend
Subject to technical changes and colour deviations

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)).

Possible Connection Elements



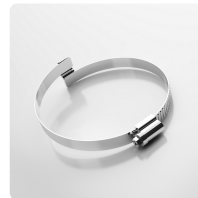
Hose connector
Sheet steel connector for extending, connecting and joining light to medium-weight hoses



Hose Reducer, symmetrical
Hose reducer for extending, connecting and joining light to medium weight hoses



Clip-Grip Hose Clamp, screwable
Screwable clamp for attaching all hose types from the Master-Clip series to mobile and stationary systems



Clip-Grip Hose Clamp, screwable, Steel quality W4, stainless steel 1.4301
screwable clamp for attaching all hose types from the Master-Clip series to mobile and stationary systems



Clip-Grip Quick-Fix Clamp
Special clamp for attaching all hose types from the Master-Clip series to mobile and stationary units.

Individual consultation

We offer consultation by phone:
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Product requests via
[masterflex.de/en](https://www.masterflex.de/en)

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