



Master-Clip PTFE

Article Master No.: 000354

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



hydrolysis resistant



microbe resistant



flame retardant



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: coated, PTFE coating
- Material of the wall: Glass fibre fabric

Properties

- Chemical Properties: good resistance to chemicals, weather-resistant
- Mechanical Properties: compressible approx. 1:6
- Flexibility: very flexible
- Physical Properties: cold-resistant
- Weight: light
- Pressure Resistance: moderately pressure resistant
- Colour: black
- 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: -150 - 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, Industry, Ventilation & air-conditioning, Chemistry, Surface Technology, Plastics

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
000354:45:x	000354	45	27	0.40	0.87	0.33	20.00
000354:50:x	000354	50	30	0.40	0.85	0.31	20.00
000354:55:x	000354	55	33	0.40	0.78	0.26	20.00
000354:60:x	000354	60	36	0.50	0.68	0.22	20.00
000354:65:x	000354	65	39	0.50	0.59	0.19	20.00
000354:70:x	000354	70	42	0.50	0.53	0.16	20.00
000354:75:x	000354	75	45	0.60	0.47	0.14	20.00
000354:80:x	000354	80	48	0.60	0.43	0.12	20.00
000354:90:x	000354	90	54	0.60	0.36	0.10	20.00
000354:100:x	000354	100	60	0.60	0.30	0.08	20.00
000354:110:x	000354	110	66	0.60	0.26	0.07	20.00
000354:120:x	000354	120	72	0.70	0.22	0.06	20.00
000354:125:x	000354	125	75	0.70	0.21	0.05	20.00
000354:130:x	000354	130	78	0.70	0.20	0.05	20.00
000354:140:x	000354	140	84	0.80	0.18	0.04	15.00
000354:150:x	000354	150	90	0.80	0.16	0.04	15.00
000354:160:x	000354	160	96	0.90	0.14	0.03	15.00
000354:170:x	000354	170	102	0.90	0.13	0.03	15.00
000354:175:x	000354	175	105	1.00	0.12	0.03	15.00
000354:180:x	000354	180	108	1.00	0.12	0.02	15.00
000354:200:x	000354	200	120	1.10	0.10	0.02	15.00
000354:215:x	000354	215	151	1.20	0.09	0.02	15.00
000354:225:x	000354	225	158	1.30	0.08	0.02	15.00
000354:250:x	000354	250	175	1.40	0.07	0.01	15.00
000354:275:x	000354	275	193	1.70	0.06	0.01	10.00
000354:300:x	000354	300	210	1.90	0.05	0.01	10.00
000354:315:x	000354	315	221	2.00	0.05	0.01	10.00
000354:325:x	000354	325	228	2.10	0.05	0.01	10.00
000354:350:x	000354	350	245	2.30	0.04	0.01	10.00

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
000354:375:x	000354	375	263	2.70	0.04	0.01	10.00
000354:400:x	000354	400	280	2.90	0.03	0.01	6.00
000354:450:x	000354	450	360	3.50	0.03	0.01	6.00
000354:500:x	000354	500	400	3.90	0.02	0.01	6.00
000354:550:x	000354	550	440	4.40	0.02	0.01	6.00
000354:600:x	000354	600	480	4.90	0.02	0.01	6.00
000354:700:x	000354	700	560	5.80	0.01	0.01	3.00
000354:800:x	000354	800	640	6.70	0.01	0.01	3.00
000354:900:x	000354	900	720	7.60	0.01	0.01	3.00

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



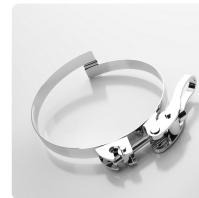
Hose Reducer, symmetrical
Hose reducer for extending, connecting and joining light to medium weight hoses



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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