

## Master-Clip PTFE H

Article Master No.: 000358

Suction and blower hose for corrosive media up to +175°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: HYPALON® coating
- Material of the outer layer: Polyester 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

### Operating Temperature

- Temperature Range: -40 - 175
- short-term maximum temperature: peaks to 190 °C

### Delivery Information

- Delivery, type of production: order-related production

### Application Areas

- Areas of application: Automotive, Plant & Mechanical Engineering, Ventilation & Air-conditioning, Chemistry, Surface Technology, Waste Disposal & Cleaning 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
000358:38:x	000358	38	23	0.50	0.94	0.52	25.00
000358:40:x	000358	40	24	0.50	0.93	0.51	25.00
000358:45:x	000358	45	27	0.50	0.92	0.48	25.00
000358:50:x	000358	50	30	0.50	0.90	0.43	25.00
000358:55:x	000358	55	33	0.50	0.85	0.36	25.00
000358:60:x	000358	60	36	0.60	0.78	0.30	25.00
000358:65:x	000358	65	39	0.70	0.68	0.26	25.00
000358:70:x	000358	70	42	0.70	0.67	0.22	25.00
000358:75:x	000358	75	45	0.80	0.62	0.19	25.00
000358:80:x	000358	80	48	0.80	0.61	0.17	25.00
000358:90:x	000358	90	54	0.90	0.56	0.13	25.00
000358:100:x	000358	100	60	1.00	0.51	0.11	25.00
000358:110:x	000358	110	66	1.10	0.48	0.09	25.00
000358:120:x	000358	120	72	1.10	0.36	0.08	25.00
000358:125:x	000358	125	75	1.20	0.33	0.07	25.00
000358:130:x	000358	130	78	1.20	0.28	0.06	25.00
000358:140:x	000358	140	84	1.30	0.25	0.06	25.00
000358:150:x	000358	150	90	1.30	0.22	0.05	25.00
000358:160:x	000358	160	96	1.30	0.21	0.04	25.00
000358:170:x	000358	170	102	1.40	0.19	0.04	25.00
000358:175:x	000358	175	105	1.40	0.19	0.04	25.00
000358:180:x	000358	180	108	1.40	0.17	0.03	25.00
000358:200:x	000358	200	120	1.60	0.15	0.03	25.00
000358:215:x	000358	215	151	1.80	0.13	0.03	25.00
000358:225:x	000358	225	158	2.00	0.12	0.02	25.00
000358:250:x	000358	250	175	2.10	0.10	0.02	25.00
000358:275:x	000358	275	193	2.30	0.08	0.02	20.00

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
000358:300:x	000358	300	210	2.40	0.07	0.01	20.00
000358:325:x	000358	325	228	2.80	0.06	0.01	20.00
000358:350:x	000358	350	245	3.30	0.06	0.01	20.00
000358:375:x	000358	375	263	3.50	0.05	0.01	20.00
000358:400:x	000358	400	280	3.80	0.05	0.01	15.00
000358:450:x	000358	450	360	4.20	0.05	0.01	15.00
000358:500:x	000358	500	400	4.70	0.04	0.01	15.00
000358:550:x	000358	550	440	5.30	0.04	0.01	10.00
000358:600:x	000358	600	480	5.90	0.04	0.01	10.00
000358:700:x	000358	700	560	6.90	0.03	0.01	10.00
000358:800:x	000358	800	640	7.60	0.02	0.01	8.00
000358:900:x	000358	900	720	8.20	0.02	0.01	8.00

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



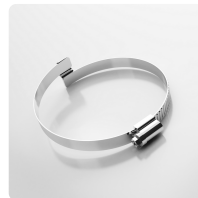
**Hose connector**  
Sheet steel connector for extending, connecting and joining light to medium-weight hoses



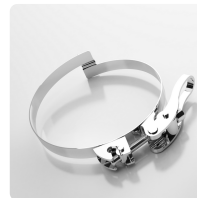
**Hose Reducer, symmetrical**  
Hose reducer for extending, connecting and joining light to medium weight hoses



**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



**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:  
**+49 209 97077-112**

Product requests via  
[masterflex.de/en](https://www.masterflex.de/en)

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