

Master-Clip PTFE H EL

Article Master No.: 000369

Suction & Blower hose for corrosive media up to +175°C, electroconductive, double-layered



antistatic



electrically
conductive



hydrolysis
resistant



microbe
resistant



compressi-
ble



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 design
- Design of the inner layer: made of electrically conductive material
- Material of the inner layer: PTFE foil
- Specifications of the inner layer: Surface resistance $R_0 < 10^6$ Ohm
- Execution of the external layer: HYPALON® coating
- Material of the outer layer: Polyester fabric

Properties

- Specifications of the product: according to TRGS 727 and ATEX 2014/34 EU
- Chemical Properties: good resistance to chemicals, weather-resistant, good UV resistance, good ozone resistance
- Mechanical Properties: compressible approx. 1:4
- Flexibility: very flexible
- Physical Properties: Heat-resistant, cold-resistant

- Weight: light
- Pressure Resistance: moderately pressure resistant
- Colour: black

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, other colours, other spiral distance, 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
000369:38:x	000369	38	23	0.50	0.94	0.52	20.00
000369:40:x	000369	40	24	0.50	0.93	0.51	20.00
000369:45:x	000369	45	27	0.50	0.92	0.48	20.00
000369:50:x	000369	50	30	0.50	0.90	0.43	20.00
000369:55:x	000369	55	33	0.50	0.85	0.36	20.00
000369:60:x	000369	60	36	0.60	0.78	0.30	20.00
000369:65:x	000369	65	39	0.70	0.68	0.26	20.00
000369:70:x	000369	70	42	0.70	0.67	0.22	20.00
000369:75:x	000369	75	45	0.80	0.62	0.19	20.00
000369:80:x	000369	80	48	0.80	0.61	0.17	20.00
000369:90:x	000369	90	54	0.90	0.56	0.13	20.00
000369:100:x	000369	100	60	1.00	0.51	0.11	20.00
000369:110:x	000369	110	66	1.10	0.48	0.09	20.00
000369:120:x	000369	120	72	1.10	0.36	0.08	20.00
000369:125:x	000369	125	75	1.20	0.33	0.07	20.00
000369:130:x	000369	130	78	1.20	0.28	0.06	20.00
000369:140:x	000369	140	84	1.30	0.25	0.06	20.00
000369:150:x	000369	150	90	1.30	0.22	0.05	20.00
000369:160:x	000369	160	96	1.30	0.21	0.04	20.00
000369:170:x	000369	170	102	1.40	0.19	0.04	20.00
000369:175:x	000369	175	105	1.40	0.19	0.04	20.00
000369:180:x	000369	180	108	1.40	0.17	0.03	20.00
000369:200:x	000369	200	120	1.60	0.15	0.03	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
000369:215:x	000369	215	151	1.80	0.13	0.03	20.00
000369:225:x	000369	225	158	2.00	0.12	0.02	20.00
000369:250:x	000369	250	175	2.10	0.10	0.02	20.00
000369:275:x	000369	275	193	2.30	0.08	0.02	20.00
000369:300:x	000369	300	210	2.40	0.07	0.01	20.00
000369:325:x	000369	325	228	2.80	0.06	0.01	20.00
000369:350:x	000369	350	245	3.30	0.06	0.01	20.00
000369:375:x	000369	375	263	3.50	0.05	0.01	20.00
000369:400:x	000369	400	280	3.80	0.05	0.01	15.00
000369:450:x	000369	450	360	4.20	0.05	0.01	15.00
000369:500:x	000369	500	400	4.70	0.04	0.01	15.00
000369:550:x	000369	550	440	5.30	0.04	0.01	10.00
000369:600:x	000369	600	480	5.90	0.04	0.01	10.00
000369:700:x	000369	700	560	6.90	0.03	0.01	10.00
000369:800:x	000369	800	640	7.60	0.02	0.01	8.00
000369:900:x	000369	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.

Possible Connection Elements



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



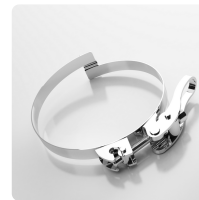
Hose Reducer, symmetrical
Hose reducer for extending, connecting and joining light to medium weight hoses



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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