

Master-Clip PTFE EL

Article Master No.: 000376

Suction & Blower hose for corrosive media up to +280°C, electroconductive



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: made of electrically conductive material / multi-layered design
- Material of the wall: PTFE laminate
- Specifications of the inner layer: surface resistance $R_0 < 10^6$ Ohm

Properties

- Specifications of the product: according to TRGS 727 and ATEX 2014/34 EU
- Chemical Properties: good resistance to chemicals / weather-resistant
- Mechanical Properties: compressible approx. 1:6
- Flexibility: very flexible
- Physical Properties: heat-resistant / cold-resistant
- Weight: light
- Pressure Resistance: moderately pressure resistant
- Colour: black
- Other: optimal transport of media because the inside of the hose wall is anti-adhesive

Operating Temperature

- Temperature Range: -150 to 280 °C
- short-term maximum temperature: peaks to 300 °C

Delivery Information

- Delivery, type of production: order-related production

Application Areas

- Areas of application: Industry / Semiconductor Industry / Ventilation & Air-conditioning / Chemistry / Surface Technology / Conveying, lifting & feeding technology / 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	Length (standard lengths available for order) m
000376:55:x	000376	55	33	0.40	0.58	0.13	10.00	3 / 6 / 10
000376:60:x	000376	60	36	0.50	0.55	0.12	10.00	3 / 6 / 10
000376:65:x	000376	65	39	0.50	0.50	0.11	10.00	3 / 6 / 10
000376:70:x	000376	70	42	0.50	0.40	0.11	10.00	3 / 6 / 10
000376:75:x	000376	75	45	0.50	0.35	0.10	10.00	3 / 6 / 10
000376:80:x	000376	80	48	0.50	0.30	0.09	10.00	3 / 6 / 10
000376:90:x	000376	90	54	0.60	0.26	0.08	10.00	3 / 6 / 10
000376:100:x	000376	100	60	0.60	0.23	0.07	10.00	3 / 6 / 10
000376:110:x	000376	110	66	0.60	0.20	0.06	10.00	3 / 6 / 10
000376:120:x	000376	120	72	0.70	0.18	0.05	10.00	3 / 6 / 10
000376:125:x	000376	125	75	0.70	0.17	0.05	10.00	3 / 6 / 10
000376:130:x	000376	130	78	0.80	0.15	0.05	10.00	3 / 6 / 10
000376:140:x	000376	140	84	0.80	0.14	0.04	10.00	3 / 6 / 10
000376:150:x	000376	150	90	0.90	0.14	0.04	10.00	3 / 6 / 10
000376:160:x	000376	160	96	0.90	0.13	0.04	10.00	3 / 6 / 10
000376:170:x	000376	170	102	0.90	0.12	0.03	10.00	3 / 6 / 10
000376:175:x	000376	175	105	1.00	0.11	0.03	10.00	3 / 6 / 10
000376:180:x	000376	180	108	1.00	0.11	0.03	10.00	3 / 6 / 10
000376:200:x	000376	200	120	1.10	0.10	0.03	10.00	3 / 6 / 10
000376:215:x	000376	215	151	1.10	0.09	0.02	10.00	3 / 6 / 10
000376:225:x	000376	225	158	1.20	0.08	0.02	10.00	3 / 6 / 10
000376:250:x	000376	250	175	1.40	0.08	0.02	10.00	3 / 6 / 10
000376:275:x	000376	275	193	1.70	0.07	0.01	6.00	3 / 6
000376:300:x	000376	300	210	1.90	0.06	0.01	6.00	3 / 6
000376:315:x	000376	315	221	1.90	0.06	0.01	6.00	3 / 6
000376:325:x	000376	325	228	2.00	0.05	0.01	6.00	3 / 6
000376:350:x	000376	350	245	2.20	0.05	0.01	6.00	3 / 6
000376:375:x	000376	375	263	2.60	0.04	0.01	6.00	3 / 6

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	Length (standard lengths available for order) m
000376:400:x	000376	400	280	2.80	0.03	0.01	6.00	3 / 6
000376:450:x	000376	450	360	3.30	0.03	0.01	3.00	3
000376:500:x	000376	500	400	3.80	0.03	0.01	3.00	3
000376:550:x	000376	550	440	4.40	0.02	0.01	3.00	3
000376:600:x	000376	600	480	4.90	0.02	0.01	3.00	3
000376:700:x	000376	700	560	5.60	0.02	0.01	3.00	3
000376:800:x	000376	800	640	6.20	0.02	0.01	3.00	3
000376:900:x	000376	900	720	7.00	0.01	0.01	2.50	2.5

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)).

Suitable for the product



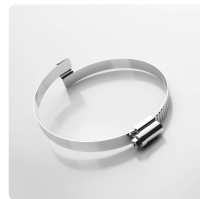
Hose connector
Sheet steel connector for extending, connecting and joining light to medium-weight hoses



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:
+49 209 97077-112

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

Address Headquarters

Masterflex SE
Willy-Brandt-Allee 300
45981 Gelsenkirchen

