



# Master-Clip PTFE S EL

**Article Master No.: 000373**

Suction & Blower hose for corrosive media up to +250°C, electroconductive, double-layered

very flexible | light | moderately pressure resistant

## Product Details

### Key facts

- Product Advantages: tension-resistant clamping of the wall within the clamping profile

### 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
- Material of the outer layer: Silicone-coated glass fabric

### Properties

- Specifications of the product: according to TRGS 727 and ATEX 2014/34 EU, see « Downloads and Certificates «
- 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
- Other: optimal transport of media because the inside of the hose wall is anti-adhesive

### Operating Temperature

- Temperature Range: -70to 250°C
- 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, Bulk & Construction, Chemistry, Surface Technology, Food & Pharma, Plastics, Metal & Toolmaking

### Customizing Options

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

## Article Variants

| Extended Article Number | Nominal Size (DN) in mm | Bending radius* in mm | Weight in kg/m | Operating pressure in bar | Negative pressure in bar | Max. Production length in m | Length (standard lengths available for order) in m |
|---|---|---|---|---|---|---|---|
| 000373:50:x | 50 | 30 | 0.50 | 0.85 | 0.35 | 10.00 | 3 / 6 / 10 |
| 000373:55:x | 55 | 33 | 0.50 | 0.78 | 0.29 | 10.00 | 3 / 6 / 10 |
| 000373:60:x | 60 | 36 | 0.60 | 0.68 | 0.24 | 10.00 | 3 / 6 / 10 |
| 000373:65:x | 65 | 39 | 0.70 | 0.59 | 0.21 | 10.00 | 3 / 6 / 10 |
| 000373:70:x | 70 | 42 | 0.70 | 0.53 | 0.17 | 10.00 | 3 / 6 / 10 |
| 000373:75:x | 75 | 45 | 0.80 | 0.47 | 0.15 | 10.00 | 3 / 6 / 10 |
| 000373:80:x | 80 | 48 | 0.80 | 0.43 | 0.14 | 10.00 | 3 / 6 / 10 |
| 000373:90:x | 90 | 54 | 0.90 | 0.36 | 0.11 | 10.00 | 3 / 6 / 10 |
| 000373:100:x | 100 | 60 | 1.00 | 0.30 | 0.09 | 10.00 | 3 / 6 / 10 |
| 000373:110:x | 110 | 66 | 1.10 | 0.26 | 0.07 | 10.00 | 3 / 6 / 10 |
| 000373:120:x | 120 | 72 | 1.10 | 0.22 | 0.06 | 10.00 | 3 / 6 / 10 |
| 000373:125:x | 125 | 75 | 1.20 | 0.21 | 0.05 | 10.00 | 3 / 6 / 10 |
| 000373:130:x | 130 | 78 | 1.20 | 0.20 | 0.05 | 10.00 | 3 / 6 / 10 |
| 000373:140:x | 140 | 84 | 1.30 | 0.18 | 0.05 | 10.00 | 3 / 6 / 10 |
| 000373:150:x | 150 | 90 | 1.30 | 0.16 | 0.04 | 10.00 | 3 / 6 / 10 |
| 000373:160:x | 160 | 96 | 1.30 | 0.14 | 0.03 | 10.00 | 3 / 6 / 10 |
| 000373:170:x | 170 | 102 | 1.40 | 0.13 | 0.03 | 10.00 | 3 / 6 / 10 |
| 000373:175:x | 175 | 105 | 1.40 | 0.12 | 0.03 | 10.00 | 3 / 6 / 10 |
| 000373:180:x | 180 | 108 | 1.40 | 0.12 | 0.03 | 10.00 | 3 / 6 / 10 |
| 000373:200:x | 200 | 120 | 1.60 | 0.10 | 0.02 | 10.00 | 3 / 6 / 10 |

| Extended Article Number | Nominal Size (DN) in mm | Bending radius* in mm | Weight in kg/m | Operating pressure in bar | Negative pressure in bar | Max. Production length in m | Length (standard lengths available for order) in m |
|---|---|---|---|---|---|---|---|
| 000373:215:x | 215 | 151 | 1.80 | 0.09 | 0.02 | 10.00 | 3 / 6 / 10 |
| 000373:225:x | 225 | 158 | 2.00 | 0.08 | 0.02 | 10.00 | 3 / 6 / 10 |
| 000373:250:x | 250 | 175 | 2.10 | 0.07 | 0.02 | 10.00 | 3 / 6 / 10 |
| 000373:275:x | 275 | 193 | 2.30 | 0.06 | 0.01 | 10.00 | 3 / 6 / 10 |
| 000373:300:x | 300 | 210 | 2.40 | 0.05 | 0.01 | 10.00 | 3 / 6 / 10 |
| 000373:315:x | 315 | 221 | 2.60 | 0.05 | 0.01 | 10.00 | 3 / 6 / 10 |
| 000373:325:x | 325 | 228 | 2.80 | 0.05 | 0.01 | 10.00 | 3 / 6 / 10 |
| 000373:350:x | 350 | 245 | 3.30 | 0.04 | 0.01 | 10.00 | 3 / 6 / 10 |
| 000373:375:x | 375 | 263 | 3.50 | 0.04 | 0.01 | 10.00 | 3 / 6 / 10 |
| 000373:400:x | 400 | 280 | 3.80 | 0.03 | 0.01 | 10.00 | 3 / 6 / 10 |
| 000373:450:x | 450 | 360 | 4.20 | 0.03 | 0.01 | 10.00 | 3 / 6 / 10 |
| 000373:500:x | 500 | 400 | 4.70 | 0.02 | 0.01 | 10.00 | 3 / 6 / 10 |
| 000373:550:x | 550 | 440 | 5.30 | 0.02 | 0.01 | 6.00 | 3 / 6 |
| 000373:600:x | 600 | 480 | 5.90 | 0.02 | 0.01 | 6.00 | 3 / 6 |
| 000373:700:x | 700 | 560 | 6.90 | 0.01 | 0.01 | 6.00 | 3 / 6 |
| 000373:800:x | 800 | 640 | 7.60 | 0.01 | 0.01 | 6.00 | 3 / 6 |
| 000373:900:x | 900 | 720 | 8.20 | 0.01 | 0.01 | 5.00 | 3 |

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 0**

Product requests via: **https://www.masterflex-slang.nl/**

## Headquarters for your sales area

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