



## Master-Clip PE

Article Master No.: 000254

Suction & Blower Hose made from PE-coated PE fabric, environmentally friendly



hydrolysis  
resistant



microbe  
resistant



compressible



transparent



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 on both sides, PE coating
- Material of the wall: polyester fabric

#### Properties

- Chemical Properties: halogen-free, plasticiser-free
- Mechanical Properties: compressible approx. 1:6
- Flexibility: very flexible
- Weight: light
- Pressure Resistance: moderately pressure resistant
- Colour: white
- Other: environmentally friendly alternative to PVC hoses, good vacuum resistance

#### Operating Temperature

- Temperature Range: -40 to 85 °C

- short-term maximum temperature: peaks to 95 °C

### Delivery Information

- Delivery, type of production: order-related production

### Application Areas

- Areas of application: Industry, Ventilation & Air-conditioning, Chemistry, Waste Disposal & Cleaning Technology, 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)<br>in mm | Bending radius*<br>in mm | Weight<br>in kg/m | Operating pressure<br>in bar | Negative pressure<br>in bar | Max. Production length<br>in m | Length (standard lengths available for order)<br>in m |
|-------------------------|----------------------------|--------------------------|-------------------|------------------------------|-----------------------------|--------------------------------|-------------------------------------------------------|
| 000254:40:x             | 40                         | 24                       | 0.40              | 0.93                         | 0.46                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:45:x             | 45                         | 27                       | 0.40              | 0.92                         | 0.43                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:50:x             | 50                         | 30                       | 0.40              | 0.90                         | 0.39                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:55:x             | 55                         | 33                       | 0.40              | 0.85                         | 0.32                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:60:x             | 60                         | 36                       | 0.50              | 0.78                         | 0.27                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:65:x             | 65                         | 39                       | 0.50              | 0.68                         | 0.23                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:70:x             | 70                         | 42                       | 0.50              | 0.67                         | 0.20                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:75:x             | 75                         | 45                       | 0.50              | 0.62                         | 0.18                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:80:x             | 80                         | 48                       | 0.60              | 0.61                         | 0.15                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:90:x             | 90                         | 54                       | 0.60              | 0.56                         | 0.12                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:100:x            | 100                        | 60                       | 0.60              | 0.51                         | 0.10                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:110:x            | 110                        | 66                       | 0.60              | 0.48                         | 0.08                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:120:x            | 120                        | 72                       | 0.60              | 0.36                         | 0.07                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:125:x            | 125                        | 75                       | 0.70              | 0.33                         | 0.06                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:130:x            | 130                        | 78                       | 0.70              | 0.28                         | 0.06                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:140:x            | 140                        | 84                       | 0.70              | 0.25                         | 0.05                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:150:x            | 150                        | 90                       | 0.80              | 0.22                         | 0.04                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:160:x            | 160                        | 96                       | 0.80              | 0.21                         | 0.04                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:170:x            | 170                        | 102                      | 0.80              | 0.19                         | 0.03                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:175:x            | 175                        | 105                      | 0.90              | 0.19                         | 0.03                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:180:x            | 180                        | 108                      | 0.90              | 0.17                         | 0.03                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:200:x            | 200                        | 120                      | 1.00              | 0.15                         | 0.03                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:215:x            | 215                        | 151                      | 1.10              | 0.13                         | 0.02                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:225:x            | 225                        | 158                      | 1.10              | 0.12                         | 0.02                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:250:x            | 250                        | 175                      | 1.30              | 0.10                         | 0.02                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:275:x            | 275                        | 193                      | 1.40              | 0.08                         | 0.01                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:300:x            | 300                        | 210                      | 1.50              | 0.07                         | 0.01                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:315:x            | 315                        | 221                      | 1.60              | 0.06                         | 0.01                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:325:x            | 325                        | 228                      | 1.70              | 0.06                         | 0.01                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:350:x            | 350                        | 245                      | 1.90              | 0.06                         | 0.01                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:375:x            | 375                        | 263                      | 2.20              | 0.05                         | 0.01                        | 25.00                          | 3 / 6 / 10                                            |

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|-------------------------|----------------------------|--------------------------|-------------------|------------------------------|-----------------------------|--------------------------------|-------------------------------------------------------|
| 000254:400:x            | 400                        | 280                      | 2.40              | 0.05                         | 0.01                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:450:x            | 450                        | 360                      | 2.70              | 0.05                         | 0.01                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:500:x            | 500                        | 400                      | 3.10              | 0.04                         | 0.01                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:550:x            | 550                        | 440                      | 3.50              | 0.04                         | 0.01                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:600:x            | 600                        | 480                      | 3.90              | 0.04                         | 0.01                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:700:x            | 700                        | 560                      | 4.50              | 0.03                         | 0.01                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:800:x            | 800                        | 640                      | 5.20              | 0.02                         | 0.01                        | 25.00                          | 3 / 6 / 10                                            |
| 000254:900:x            | 900                        | 720                      | 6.00              | 0.02                         | 0.01                        | 25.00                          | 3 / 6 / 10                                            |

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.it/>

### Headquarters for your sales area

#### Masterflex SE

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