




# Master-VAC EL

## Article Master No.: 000467

PE-EVA Suction Hose & Transport Hose, lightweight, crush-resistant, electroconductive

electrically conductive | crush-proof | moderately flexible | light | moderately pressure resistant

## Product Details

### Construction / Material

- Type of construction: extruded spiral hose
- Execution of the wall: made of specified material
- Material of the wall: PE-EVA Co-polymer
- Specifications of the wall: surface resistance $R_o < 10^6$ Ohm

### Properties

- Specifications of the product: according to TRGS 727 and ATEX 2014/34 EU, see « Downloads and Certificates «
- Chemical Properties: good resistance to oil, good ozone resistance, good resistance to alkaline solutions, good resistance to acids, good UV resistance
- Flexibility: moderately flexible
- Physical Properties: airtight, watertight, buoyant (spec. weight 0.94)
- Weight: light
- Pressure Resistance: moderately pressure resistant
- Colour: black

### Operating Temperature

- Temperature Range: -40to 60°C

- short-term maximum temperature: peaks to 70 °C

### Delivery Information

- Delivery, type of production: various nominal diameters in standard lengths are available ex-production, individual nominal diameters and lengths also ex-stock

### Application Areas

- Areas of application: Wood, Waste Disposal & Cleaning Technology

### Customizing Options

- optional item modification (on request): other lengths, other nominal widths, with customer-specific imprint

## Article Variants

| Extended Article Number | Nominal Size (DN) in mm | Bending radius* in mm | Weight in kg/m | Negative pressure in bar | Max. Production length in m | Stock Lengths in m | Length (standard lengths available for order) in m |
|---|---|---|---|---|---|---|---|
| 000467:25:x | 25 | 60 | 0.15 | 0.74 | 20.00 | | 15 |
| 000467:28:x | 28 | 70 | 0.19 | 0.74 | 20.00 | 15 | 15 |
| 000467:32:x | 32 | 70 | 0.22 | 0.49 | 20.00 | 20 | 15 |
| 000467:38:x | 38 | 80 | 0.29 | 0.49 | 20.00 | | 20 / 15 |
| 000467:45:x | 45 | 90 | 0.37 | 0.49 | 20.00 | | 20 |
| 000467:50:x | 50 | 100 | 0.42 | 0.39 | 20.00 | 20 / 15 | 20 / 15 |

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 Clamp with Worm-Gear**
Standard clamp for fastening light hose types to connecting pieces on mobile and stationary installations



**Hose Clamp with Worm-Gear, Steel quality W4, stainless steel 1.4301**
Standard clamp for fastening light hose types to connecting pieces on mobile and stationary installations



**Cuff for Master-VAC**
Special sleeve for connection of Master-VAC hoses, electrically conductive



## Individual consultation

We offer consultation by phone: **+49 209 97077 0**

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

## Headquarters for your sales area

**Masterflex SE**

Willy-Brandt-Allee 300
45891 Gelsenkirchen
Germany