

## 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	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
000254:40:x	000254	40	24	0.40	0.93	0.46	25.00	3 / 6 / 10
000254:45:x	000254	45	27	0.40	0.92	0.43	25.00	3 / 6 / 10
000254:50:x	000254	50	30	0.40	0.90	0.39	25.00	3 / 6 / 10
000254:55:x	000254	55	33	0.40	0.85	0.32	25.00	3 / 6 / 10
000254:60:x	000254	60	36	0.50	0.78	0.27	25.00	3 / 6 / 10
000254:65:x	000254	65	39	0.50	0.68	0.23	25.00	3 / 6 / 10
000254:70:x	000254	70	42	0.50	0.67	0.20	25.00	3 / 6 / 10
000254:75:x	000254	75	45	0.50	0.62	0.18	25.00	3 / 6 / 10
000254:80:x	000254	80	48	0.60	0.61	0.15	25.00	3 / 6 / 10
000254:90:x	000254	90	54	0.60	0.56	0.12	25.00	3 / 6 / 10
000254:100:x	000254	100	60	0.60	0.51	0.10	25.00	3 / 6 / 10
000254:110:x	000254	110	66	0.60	0.48	0.08	25.00	3 / 6 / 10
000254:120:x	000254	120	72	0.60	0.36	0.07	25.00	3 / 6 / 10
000254:125:x	000254	125	75	0.70	0.33	0.06	25.00	3 / 6 / 10
000254:130:x	000254	130	78	0.70	0.28	0.06	25.00	3 / 6 / 10
000254:140:x	000254	140	84	0.70	0.25	0.05	25.00	3 / 6 / 10
000254:150:x	000254	150	90	0.80	0.22	0.04	25.00	3 / 6 / 10
000254:160:x	000254	160	96	0.80	0.21	0.04	25.00	3 / 6 / 10
000254:170:x	000254	170	102	0.80	0.19	0.03	25.00	3 / 6 / 10
000254:175:x	000254	175	105	0.90	0.19	0.03	25.00	3 / 6 / 10
000254:180:x	000254	180	108	0.90	0.17	0.03	25.00	3 / 6 / 10
000254:200:x	000254	200	120	1.00	0.15	0.03	25.00	3 / 6 / 10
000254:215:x	000254	215	151	1.10	0.13	0.02	25.00	3 / 6 / 10
000254:225:x	000254	225	158	1.10	0.12	0.02	25.00	3 / 6 / 10
000254:250:x	000254	250	175	1.30	0.10	0.02	25.00	3 / 6 / 10
000254:275:x	000254	275	193	1.40	0.08	0.01	25.00	3 / 6 / 10
000254:300:x	000254	300	210	1.50	0.07	0.01	25.00	3 / 6 / 10
000254:315:x	000254	315	221	1.60	0.06	0.01	25.00	3 / 6 / 10
000254:325:x	000254	325	228	1.70	0.06	0.01	25.00	3 / 6 / 10
000254:350:x	000254	350	245	1.90	0.06	0.01	25.00	3 / 6 / 10

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
000254:375:x	000254	375	263	2.20	0.05	0.01	25.00	3 / 6 / 10
000254:400:x	000254	400	280	2.40	0.05	0.01	25.00	3 / 6 / 10
000254:450:x	000254	450	360	2.70	0.05	0.01	25.00	3 / 6 / 10
000254:500:x	000254	500	400	3.10	0.04	0.01	25.00	3 / 6 / 10
000254:550:x	000254	550	440	3.50	0.04	0.01	25.00	3 / 6 / 10
000254:600:x	000254	600	480	3.90	0.04	0.01	25.00	3 / 6 / 10
000254:700:x	000254	700	560	4.50	0.03	0.01	25.00	3 / 6 / 10
000254:800:x	000254	800	640	5.20	0.02	0.01	25.00	3 / 6 / 10
000254:900:x	000254	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)).

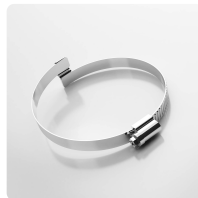
## Suitable for the product



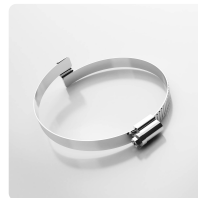
**Hose connector**  
 Sheet steel connector for extending, connecting and joining light to medium-weight hoses



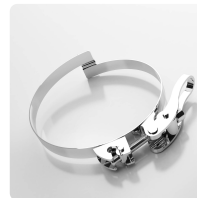
**Hose Reducer, symmetrical**  
 Hose reducer for extending, connecting and joining light to medium weight hoses



**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 97077-112

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

### Address Headquarters

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