



## Carflex 300

Article Master No.: 000340

Exhaust gas hose for exhaust fumes up to 300 °C



hydrolysis resistant



microbe resistant



compressible



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: covered with a plastic profile to protect against scratches
- Specifications of the wall: flame retardant

#### Properties

- Chemical Properties: good resistance to chemicals
- Mechanical Properties: compressible approx. 1:5 / resistance to vibrations and mechanical-dynamic load (cycle operation)
- Flexibility: very flexible
- Weight: light
- Pressure Resistance: moderately pressure resistant / pressure resistance depending on design, not recommended for overpressure applications
- Colour: inside silver-grey, outside green-grey, scuff protection profile red
- Other: abrasion-resistant against soot particles from diesel exhaust gases

#### Operating Temperature

- Temperature Range: -60 to 300 °C
- short-term maximum temperature: peaks to 300 °C flue gas temperature, for proper use flue gas funnels are required and a sufficient supply of fresh air (approx. 50% based on the maximum specified temperature)

### Delivery Information

- Delivery, type of production: order-related production

### Application Areas

- Areas of application: Automotive / Ventilation & Air-conditioning

### 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	Negative pressure bar	Max. Production length m	Length (standard lengths available for order) m
000340:63:x	000340	63	38	0.55	0.17	25.00	2.5 / 5 / 7.5 / 10 / 12 / 15
000340:75:x	000340	75	46	0.51	0.14	25.00	2.5 / 5 / 7.5 / 10 / 12 / 15
000340:80:x	000340	80	48	0.51	0.12	25.00	2.5 / 5 / 7.5 / 10 / 12 / 15
000340:100:x	000340	100	60	0.64	0.08	25.00	2.5 / 5 / 7.5 / 10 / 12 / 15
000340:125:x	000340	125	75	0.79	0.05	25.00	2.5 / 5 / 7.5 / 10 / 12 / 15
000340:150:x	000340	150	90	1.23	0.04	25.00	2.5 / 5 / 7.5 / 10 / 12 / 15
000340:200:x	000340	200	120	1.67	0.02	25.00	2.5 / 5 / 7.5 / 10 / 12 / 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 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

