



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

Key facts

- Product Advantages: tension-resistant clamping of the wall within the clamping profile, protection of sensitive surfaces provided by a fitted plastic spiral

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
- Material of the wall: Silicone-coated aramid fabric
- 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: -60to 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)
- proper use: the specifications apply to exhaust gas temperatures when exhaust gas funnels are used correctly with a minimum of 50% fresh air supply at 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	Nominal Size (DN) in mm	Bending radius* in mm	Weight in kg/m	Negative pressure in bar	Max. Production length in m	Length (standard lengths available for order) in m
000340:63:x	63	38	0.55	0.17	25.00	2.5 / 5 / 7.5 / 10 / 12 / 15
000340:75:x	75	46	0.51	0.14	25.00	2.5 / 5 / 7.5 / 10 / 12 / 15
000340:80:x	80	48	0.51	0.12	25.00	2.5 / 5 / 7.5 / 10 / 12 / 15
000340:100:x	100	60	0.64	0.08	25.00	2.5 / 5 / 7.5 / 10 / 12 / 15
000340:125:x	125	75	0.79	0.05	25.00	2.5 / 5 / 7.5 / 10 / 12 / 15
000340:150:x	150	90	1.23	0.04	25.00	2.5 / 5 / 7.5 / 10 / 12 / 15
000340:200:x	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



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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