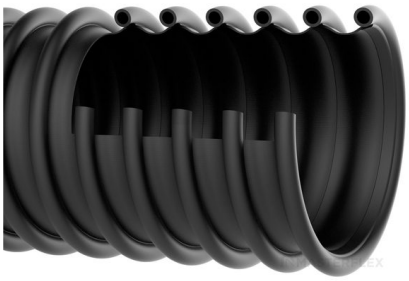

Carflex Super

Article Master No.: 000412

Exhaust hose for exhaust fume temperatures up to +200 °C, super lightweight, crush-resistant

hydrolysis resistant | metal-free | microbe resistant | compressible | crush-proof | very flexible | light | moderately pressure resistant

Product Details

Construction / Material

- Type of construction: fabric hose with attached support coil
- Execution of the wall: coated, coating of EPDM/PP, overlapping welded design
- Material of the wall: polyester fabric
- Design of the profile coil: made of plastic

Properties

- Chemical Properties: good resistance to petrol, good resistance to solvents, good resistance to oil, good UV resistance, good ozone resistance
- Mechanical Properties: excellent mechanical tensile strength and tear resistance
- Flexibility: very flexible
- Weight: light
- Pressure Resistance: moderately pressure resistant
- Colour: black

Operating Temperature

- Temperature Range: 0 to 200 °C
- short-term maximum temperature: peaks to 200 °C flue gas temperature, for proper use flue gas funnels are required and a sufficient supply of fresh air (approx. 50% related to the maximum specified

temperature)

- proper use: the figures apply to flue gas temperatures when the flue gas funnel is used correctly with a minimum of 50% fresh air supply at the maximum specified temperature

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: Automotive, Ventilation & Air-conditioning, Chemistry, Plastics

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
000412:38:x	38	48	0.24	0.34	25.00		5 / 10 / 15 / 20 / 25
000412:51:x	51	63	0.40	0.31	25.00		5 / 10 / 15 / 20 / 25
000412:60:x	60	76	0.40	0.29	25.00		5 / 10 / 15 / 20 / 25
000412:63:x	63	79	0.41	0.28	25.00		5 / 10 / 15 / 20 / 25
000412:76:x	76	95	0.48	0.24	25.00	5 / 10 / 15	20 / 25
000412:80:x	80	100	0.51	0.23	25.00	5 / 10	15 / 20 / 25
000412:102:x	102	120	0.64	0.18	25.00	5 / 10 / 15	20 / 25
000412:127:x	127	145	0.78	0.12	25.00	5 / 10 / 15	20 / 25
000412:152:x	152	170	0.93	0.05	25.00	5 / 10 / 15	20 / 25
000412:203:x	203	220	1.22	0.02	25.00		5 / 10 / 15 / 20 / 25

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

Car-Grip Hose Clamp, screwable
special clamp for attaching Carflex Super and Master-PUR STEP hoses to mobile and stationary systems

Car-Grip Hose Clamp, screwable, Steel quality W4, stainless steel 1.4301
special clamp for attaching Carflex Super and Master-PUR STEP hoses to mobile and stationary systems

Car-Grip Quick-Fix Clamp
Special clamp for attaching Carflex Super and Master-PUR STEP hoses to mobile and stationary installations

Heat Shrink Cuff
Heat shrink sleeve for easy connection and sealing of hoses

Individual consultation

We offer consultation by phone: **+46 300 1717 0**

Product requests via: **https://www.masterflex.se/**

Headquarters for your sales area

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