

Carflex Super

Article Master No.: 000412

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



hydrolysis
resistant



microbe
resistant



compressi-
ble



crush-
proof



very
flexible



light



moderatel-
y pressure
resistant

Product Details

Construction / Material

- Type of construction: film hose or 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 tensile and tear strength
- Flexibility: very flexible
- Weight: light
- Pressure Resistance: moderately pressure resistant
- Colour: black

Operating Temperature

- Temperature Range: 0 - 200
- 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)

Delivery Information

- Delivery, type of production: various nominal widths in standard lengths are available ex-production, individual nominal widths 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 | Article number | Nominal Size (DN) mm | Bending radius* mm | Weight kg/m | Negative pressure bar | Max. Production length m | Stock Lengths m |
|-------------------------|----------------|-------------------------|-----------------------|----------------|--------------------------|-----------------------------|--------------------|
| 000412:38:x | 000412 | 38 | 48 | 0.24 | 0.34 | 25.00 | / |
| 000412:51:x | 000412 | 51 | 63 | 0.40 | 0.31 | 25.00 | 5, 10 |
| 000412:60:x | 000412 | 60 | 76 | 0.40 | 0.29 | 25.00 | / |
| 000412:63:x | 000412 | 63 | 79 | 0.41 | 0.28 | 25.00 | 5, 10 |
| 000412:76:x | 000412 | 76 | 95 | 0.48 | 0.24 | 25.00 | 5, 10, 15 |
| 000412:80:x | 000412 | 80 | 100 | 0.51 | 0.23 | 25.00 | 5, 10 |
| 000412:102:x | 000412 | 102 | 120 | 0.64 | 0.18 | 25.00 | 5, 10, 15 |
| 000412:127:x | 000412 | 127 | 145 | 0.78 | 0.12 | 25.00 | 5, 10, 15 |
| 000412:152:x | 000412 | 152 | 170 | 0.93 | 0.05 | 25.00 | 5, 10, 15 |
| 000412:203:x | 000412 | 203 | 220 | 1.22 | 0.02 | 25.00 | 5, 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)).

Possible Connection Elements



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



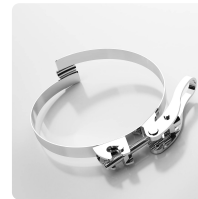
Hose Reducer, symmetrical
Hose reducer for extending, connecting and joining light to medium weight hoses



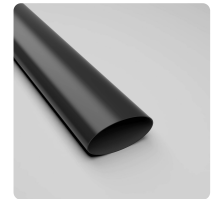
Car-Grip Hose Clamp, screwable
special clamp for attaching Carflex Super and Master-PUR STEP hoses to mobile and stationary systems



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:
+49 209 97077-112

Product requests via
masterflex.de/en

Address Headquarters

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