

## 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 | Length (standard lengths available for order) m |
|-------------------------|----------------|----------------------|--------------------|-------------|-----------------------|--------------------------|-----------------|---|
| 000412:38:x             | 000412         | 38                   | 48                 | 0.24        | 0.34                  | 25.00                    | /               | 5, 10, 15, 20, 25                               |
| 000412:51:x             | 000412         | 51                   | 63                 | 0.40        | 0.31                  | 25.00                    | 5, 10           | 5, 10, 15, 20, 25                               |
| 000412:60:x             | 000412         | 60                   | 76                 | 0.40        | 0.29                  | 25.00                    | /               | 5, 10, 15, 20, 25                               |
| 000412:63:x             | 000412         | 63                   | 79                 | 0.41        | 0.28                  | 25.00                    | 5, 10           | 5, 10, 15, 20, 25                               |
| 000412:76:x             | 000412         | 76                   | 95                 | 0.48        | 0.24                  | 25.00                    | 5, 10, 15       | 5, 10, 15, 20, 25                               |
| 000412:80:x             | 000412         | 80                   | 100                | 0.51        | 0.23                  | 25.00                    | 5, 10           | 5, 10, 15, 20, 25                               |
| 000412:102:x            | 000412         | 102                  | 120                | 0.64        | 0.18                  | 25.00                    | 5, 10, 15       | 5, 10, 15, 20, 25                               |
| 000412:127:x            | 000412         | 127                  | 145                | 0.78        | 0.12                  | 25.00                    | 5, 10, 15       | 5, 10, 15, 20, 25                               |
| 000412:152:x            | 000412         | 152                  | 170                | 0.93        | 0.05                  | 25.00                    | 5, 10, 15       | 5, 10, 15, 20, 25                               |
| 000412:203:x            | 000412         | 203                  | 220                | 1.22        | 0.02                  | 25.00                    | 5, 10           | 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)).

## Possible Connection Elements



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



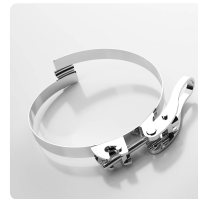
**Hose Reducer, symmetrical**  
Hose reducer for extending, connecting and joining light to medium weight hoses



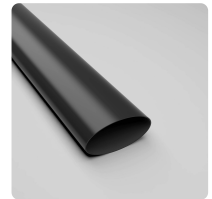
**Car-Grip Hose Clamp, screwable**  
special clamp for attaching Carflex Super and Master-PUR STEP hoses to mobile and stationary systems



**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](https://masterflex.de/en)

### Address Headquarters

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