

## Cargoflex

Article Master No.: 000183

PU Suction hose & Transport hose, extremely abrasion and vacuum resistant



transparent



moderately flexible



heavy



very pressure resistant

### Product Details

#### Construction / Material

- Type of construction: Profile extruded hose with metal spiral
- Spiral Design: made of steel wire
- Material of the spiral: Spring steel
- Execution of the wall: made of pure material, Wall thickness between the spirals approx. 3.2 - 4.8 mm, depending on DN
- Material of the wall: Polyester Polyurethane
- Specifications of the wall: Material is more abrasion resistant than comparable polyurethane according to DIN ISO 4649

#### Properties

- Chemical Properties: microbe-resistant, halogen-free, good UV resistance, good ozone resistance, plasticiser-free
- Mechanical Properties: excellent tensile and tear strength
- Flexibility: moderately flexible
- Weight: heavy
- Pressure Resistance: very pressure resistant
- Colour: transparent
- Other: high vacuum and good pressure resistance, longer service life

### Operating Temperature

- Temperature Range: -40 - 90
- short-term maximum temperature: peaks to 125 °C

### 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: Industry, Bulk & Construction, Chemistry, Food & Pharma, Plastics, Metal & Toolmaking

### Customizing Options

- optional item modification (on request): other lengths, other nominal widths, with customer-specific imprint

## Article Variants

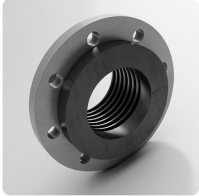
Extended Article Number	Article number	Nominal Size (DN) mm	Outer diameter mm	Bending radius* mm	Weight kg/m	Operating pressure bar	Negative pressure bar	Max. Production length m	Stock Lengths m
000183:102:x	000183	102	117	300	3.04	3.15	0.87	20.00	2.50, 5, 7.50, 10
000183:127:x	000183	127	143	375	3.75	2.55	0.87	20.00	
000183:152:x	000183	152	168	450	4.45	2.25	0.82	20.00	2.50, 5, 7.50, 10
000183:203:x	000183	203	222	600	8.28	1.65	0.66	10.00	2.50, 5, 7.50, 10
000183:250:x	000183	250	270	738	10.20	1.37	0.52	10.00	
000183:254:x	000183	254	275	750	10.36	1.35	0.51	10.00	2.50, 5, 7.50, 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

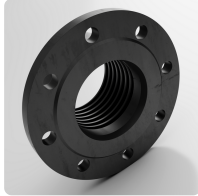
Available in other lengths, other nominal diameters, with customer-specific customer-specific imprint.

## Possible Connection Elements



### Combiflex PU Swivel Flange

screw-on plastic collar with loose flange for Master-PUR L, Master-PUR H, Master-PUR HX and Master-PUR Performance, for counterflanges acc. to DIN 2632 / DIN 2633 / DIN 2673



### Combiflex PU Fixed Flange

screw-on plastic flange for Master-PUR L, Master-PUR H, Master-PUR HX and Master-PUR Performance, for counterflanges according to DIN 2632 / DIN 2633 / DIN 2673



### Combiflex PU Threaded Sockets

PU threaded connector for all Master-PUR L, Master-PUR H and Master-PUR HX hose types, based on DIN ISO 228



### Combiflex PU Cone Flange, screwable

screw-on quick connector system for all Master-PUR L, Master-PUR H and Master-PUR HX hose types, following DIN 3016



### Hose Clamp with Bolts

special clamp for fastening medium and heavy spiral hoses to connection pipes on mobile and stationary units



### Hose Clamp with Bolts, Steel quality W4, stainless steel 1.4301

Special clamp for fastening medium and heavy spiral hoses to connection pipes on mobile and stationary units

### Individual consultation

We offer consultation by phone:  
+49 209 97077-112

Product requests via  
[masterflex.de/en](http://masterflex.de/en)

### Address Headquarters

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