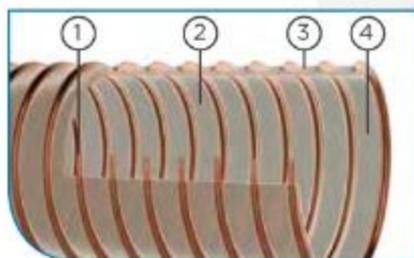


Master-PUR Performance

PU suction hose & transport hose, extremely abrasion-resistant & vacuum-proof, seamless smooth inner lining, antistatic and microbe-resistant



Material

- spiral: spring steel wire
- wall: pure polyurethane
- wall thickness min. 2.5 mm
- inner lining: application-optimised polyurethane 60° Shore A

Applications

- transport hose for problematic media, e.g. sand, gravel, grain, granules
- transport hose for handling and conveying plants
- everywhere where easy-to-clean surfaces are required
- suction and transport hose for extremely abrasive solid, liquid and gaseous media
- transport hose for feeding and cleaning of glass works, mineral processing plants, steelworks, quarries, shipyards and docks, cement works, flat roof gravelling
- other conveyer and loading plants

Available on request

- available on request in other lengths and sizes, with print.

Properties

- extremely abrasion resistant, extra strong PU lining
- completely smooth internal lining, therefore ideal flow characteristics
- microbe-resistant
- flexible
- excellent vacuum-resistance and good pressure-resistance
- heavy
- permanently antistatic, surface resistance < 10⁹ Ohm
- approved acc. to TRGS 727 and ATEX 2014/34 EU. Details acc. to certificate
- halogen and plasticizer-free
- good resistance to chemicals, oil and fuel
- high tensile strength
- generally good UV and ozone resistance

Temperature Range

- -40°C to +90°C
- peaks to +125°C



DN	op. pressure bar	vacuum bar	bend radius mm	outer Ø mm	weight/m kg	article no	max. production length m
38	4,35	0,94	130	50	0,8	123-038-101	20
40	4,25	0,94	135	52	0,8	123-040-101	20
45	4,12	0,94	155	57	1	123-045-101	20
50	4,02	0,94	168	65	1,17	123-050-101	20
51	4	0,94	170	66	1,2	123-051-101	20
55	3,8	0,94	175	72	1,3	123-055-101	20
60	3,7	0,94	185	77	1,5	123-060-101	20
65	3,5	0,94	190	82	1,6	123-065-101	20
75	3,38	0,94	245	92	1,87	123-075-101	20
76	3,15	0,94	250	93	1,9	123-076-101	20
80	2,9	0,94	270	97	2,1	123-080-101	20
90	2,7	0,94	285	107	2,4	123-090-101	20
100	2,53	0,94	297	117	2,58	123-100-101	20
102	2,5	0,94	300	119	2,6	123-102-101	20
115	2,3	0,94	325	132	3	123-115-101	15
125	2,05	0,94	345	142	3,25	123-125-101	15
127	2	0,94	350	144	3,3	123-127-101	15
150	1,54	0,94	396	167	3,67	123-150-101	15
152	1,5	0,94	400	169	3,7	123-152-101	15
175	1,1	0,7	770	190	4,6	123-175-101	10
180	1	0,68	780	195	4,7	123-180-101	10
200	0,8	0,55	840	215	5	123-200-101	10

All data refers to a medium and ambient temperature of +20 °C.
 * Refer to the inner hose lining.
 Subject to technical changes and colour deviations.



Hose Clamp with Bolts



Combiflex metal male threaded socket



Combiflex PU Fixed Flange, pre-fixed



Combiflex PU Threaded Socket, pre-fixed



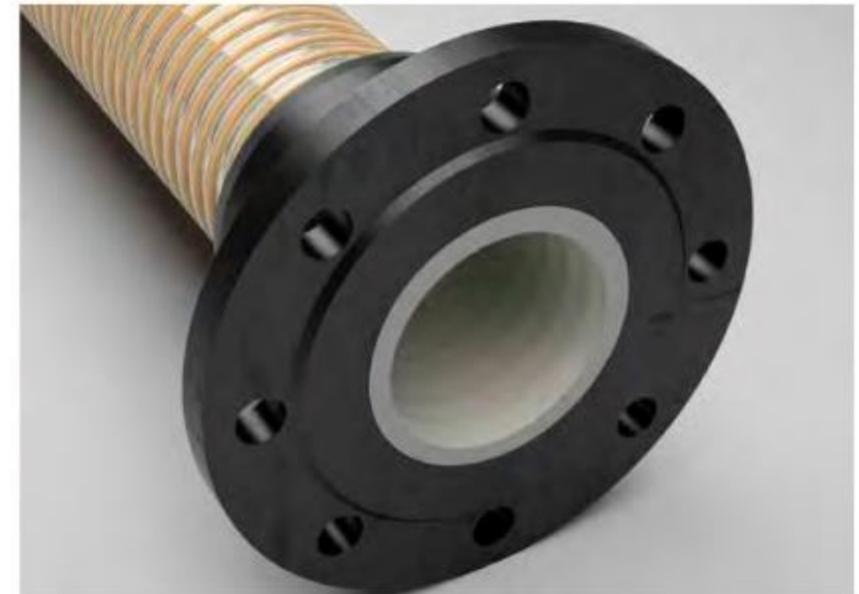
Combiflex PU Swivel Flange, pre-fixed

Combiflex Cast-on PU Fixed Flange

for counterflanges acc. to DIN 2632 / DIN 2633 / DIN 2673

DN adapter	pipe external dimension mm	Da: Outer-Ø screw fixing area mm	DN hose	hole circle mm	length L mm	weight/ piece kg	article no. Type L	article no. Type H	article no. Typ HX	article no. Type Performance
50	57	75	50	125	66	0,4	560-050-057	561-050-057	563-050-057	565-051-057
50	60,3	75	50	125	66	0,4	560-050-060	561-050-060	563-050-060	565-051-060
65	76,1	90	65	145	76	0,5	560-065-076	561-065-076	563-065-076	565-065-076
65	76,1	90	70	145	76	0,55	560-070-076	561-070-076	563-070-076	565-070-076
80	88,9	105	75	160	76	0,6	560-075-088	561-075-088	563-075-088	565-076-088
80	88,9	105	80	160	76	0,65	560-080-088	561-080-088	563-080-088	565-080-088
100	108	131	100	180	86	0,8	560-100-108	561-100-108	563-100-108	565-102-108
100	114,3	131	100	180	86	0,8	560-100-114	561-100-114	563-100-114	565-102-114
125	133	156	120	210	92	0,95	560-120-133	561-120-133	563-120-133	565-120-133
125	139,7	156	120	210	92	0,95	560-120-139	561-120-139	563-120-139	565-120-139
125	133	156	125	210	92	1	560-125-133	561-125-133	563-125-133	565-127-133
125	139,7	156	125	210	92	1	560-125-139	561-125-139	563-125-139	565-127-139
150	159	184	140	240	98	1,2	560-140-159	561-140-159	563-140-159	565-140-159
150	159	184	150	240	98	1,4	560-150-159	561-150-159	563-150-159	565-152-159
150	168,3	184	150	240	98	1,4	560-150-168	561-150-168	563-150-168	565-152-168
150	177,8	184	160	240	98	1,5	560-160-168	561-160-168	563-160-168	565-160-168
175	193,7	210	180	270	103	1,8	560-180-193	561-180-193	563-180-193	/
200	219,1	235	200	295	108	2	560-200-219	561-200-219	563-200-219	/
250	267	292	250	350	118	3	560-250-267	561-250-267	563-250-267	/
250	273	292	250	350	118	3	560-250-273	561-250-273	563-250-273	/
300	323,9	344	300	400	123	4	560-300-323	561-300-323	563-300-323	/

All data refers to a medium and ambient temperature of +20 °C
Order-specific production in the DN sizes listed above
Subject to technical changes and colour deviations.



Material

- highly abrasion resistant polyurethane
- colour: black

Applications

- cast-on PU flange for all Master-PUR inline hose types

Properties

- lightweight
- high tension-proof connection
- microbe-resistant
- front-flush hose integration
- abrasion-resistant
- shock-proof
- pressure level PN 6 at DN 200 or PN 10/16 at all other DN
- dissipation of electrostatic charge via integrated earthing plate available for prefixed version
- gas-tight / watertight

Temperature Range

- -40°C to +90°C
- peaks to +125°C



Combiflex Metal Threaded Sockets

with outer thread acc.to DIN ISO 228 - cast-on



Material

- colour: black
- metal threaded sockets: aluminium
- PU-sprue: abrasion resistant polyurethane

Applications

- for application for connectors to machines and piping
- for mounting of valves for solid, liquid and gaseous media
- Cast-on metal screw connectors with external thread acc. to DIN ISO 228 for all Master-PUR hoses

Available on request

- Available on request in other sizes and materials.

Properties

- watertight
- rust-free
- good flow characteristics
- odourless/tasteless
- good chemical resistance
- dissipation of electrostatic charges via grounding connection between hose and valve/fitting
- high tensile strength

Temperature Range

- -40°C to +90°C
- peaks to +125°C



DN	connector thread size (in.) inch	outer diameter gate mm	weight/piece incl. gate kg	article no. gate	article no. threaded socket
25	1	42	0,09	528-025-107	648-025-701
32	1¼	52	0,16	528-032-107	648-032-701
38	1½	60	0,21	528-038-107	648-038-701
40	1½	60	0,21	528-040-107	648-040-701
50	2	71	0,29	528-050-107	648-050-701
65	2½	90	0,46	528-065-107	648-065-701
75	3	106	0,78	528-075-107	648-075-701
80	3¼	106	0,6	528-080-107	648-080-701
100	4	130	1,12	528-100-107	648-100-701
125	5	155	1,39	528-125-107	648-125-701
150	6	184	1,74	528-150-107	648-150-701

All data refers to a medium and ambient temperature of +20 °C
 Order-specific production in the DN sizes listed above
 Subject to technical changes and colour deviations.

