

## Master-PUR Inline

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.

### 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 < 10<sup>9</sup> 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

## Master-PUR Inline

DN	op. pressure c. bar	vacuum c. mmWG	bend radius c. mm	outer Ø c. mm	weight c. kg/m	article no.	stock length
38	4,65	9400	150	56	1,72	119-038-1000	/
40	4,50	9400	160	58	1,79	119-040-1000	/
51	4,13	9400	200	70	1,64	119-051-1000	/
65	3,90	9400	300	85	2,02	119-065-1000	/
76	3,75	9400	400	97	3,44	119-076-1000	/
80	3,38	9400	410	99	3,69	119-080-1000	/
102	3,00	9400	430	122	4,39	119-102-1000	/
115	2,60	9400	440	136	4,90	119-115-1000	/
127	2,40	9400	450	148	5,69	119-127-1000	/
152	1,95	9400	600	175	7,30	119-152-1000	/
180	1,65	7500	700	202	7,68	119-180-1000	/
203	1,35	6700	800	227	10,20	119-204-1000	/
250	0,95	5000	1000	271	12,07	119-250-1000	/
254	0,95	5000	1000	275	12,10	119-254-1000	/

All data refers to an ambient temperature of +20 °C  
 Available from stock in the above listed lengths and sizes.  
 Available on request in other lengths, sizes  
 Subject to technical changes and colour deviations.



Hose Clamp with Bolts



Combiflex PU fixed-flange,  
 Inline



Combiflex PU Swivel Flange  
 for Master-PUR Inline