

## Master-PUR HX Trivolution

PU Transport hose & Suction Hose, highly abrasion resistant and vacuum proof, with reinforcement underneath the spiral, antistatic, microbe-resistant, hardly inflammable acc. to DIN 4102 B1



### Material

spiral: spring steel wire  
 wall: pure polyester polyurethane (acc. to DIN ISO 4649  
 more abrasion-resistant in comparison to polyether  
 polyurethane)  
 wall thickness between spirals approx. 1.7 - 2.1 mm,  
 depending on DN

### Applications

- for increased requirements of abrasion resistance and durability
- transport hose for problematic media, e.g. sand, gravel, grain, granules
- suction & transport hose for extremely abrasive media
- flat-roof gravelling
- working hose for silo vehicles and cargo depots

### Available on request

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

### Properties

- hardly inflammable acc. to DIN 4102 B1
- extremely abrasion resistant via specific reinforcements underneath the spiral
- microbe-resistant
- heavy
- flexible
- smooth inner lining, optimum flow characteristics
- high vacuum and apex pressure resistance
- highly durable, long service lives
- permanently antistatic, surface resistance <math>< 10^9 \text{ Ohm}</math>
- 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
- generally good UV and ozone resistance
- acc. to DIN 26057 type IV

### Temperature Range

- -40°C to +90°C
- peaks to +125°C

## Master-PUR HX Trivolution

DN	Op. pressure c. bar	Vacuum c. mmWG	Bend radius c. mm	Outer Ø c. mm	Weight c. kg/m	Article no	Stock length
32	4,85	9400	80	42	0,66	114-032-1000	10m
38	4,39	9400	95	48	0,78	114-038-1000	10m
40	4,27	9400	100	50	0,83	114-040-1000	10m
45	4,10	9400	115	55	0,92	114-045-1000	10m
50	4,00	9400	125	61	1,04	114-050-1000	10m
55	3,75	8900	140	65	1,10	114-055-1000	/
60	3,60	8900	150	70	1,20	114-060-1000	10m
65	3,30	8900	165	75	1,29	114-065-1000	10m
70	3,15	8900	175	80	1,38	114-070-1000	/
75	2,92	8900	190	87	1,50	114-075-1000	10m
80	2,77	8900	200	93	1,93	114-080-1000	10m
90	2,40	8900	225	103	2,16	114-090-1000	/
100	2,15	8800	238	113	2,53	114-100-101	/
102	2,10	8700	250	115	2,60	114-102-1000	10m
110	1,95	8700	275	124	2,82	114-110-1000	/
115	1,80	8700	290	129	2,94	114-115-1000	/
120	1,65	8700	300	134	3,07	114-120-1000	/
125	1,65	8700	315	140	3,44	114-125-1000	/
130	1,65	8400	325	143	3,54	114-130-1000	/
140	1,50	8300	350	153	3,81	114-140-1000	/
150	1,50	8200	450	167	4,13	114-150-1000	10m
160	1,35	8100	500	175	4,81	114-160-1000	/
170	1,20	8000	600	185	5,10	114-170-1000	/
175	1,20	7900	650	190	5,25	114-175-1000	/
180	1,20	7700	700	195	5,40	114-180-1000	/
200	1,05	6800	950	220	6,43	114-200-1000	/
225	0,90	5800	1150	241	7,11	114-225-1000	/
250	0,90	5100	1300	267	7,91	114-250-1000	/
275	0,75	4700	1450	292	8,68	114-275-1000	/
300	0,60	4200	1600	317	9,45	114-300-1000	/

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 Cone Flange



Combiflex PU Fixed Flange



Combiflex PU  
Threaded Socket



Combiflex PU Swivel Flange,  
screwable/fixe