

Master-Clip PUR

Suction & Blower Hose made from PU film/foil, extremely abrasion-proof



Technical Drawing



Connections



Construction



Material

- clip profile spiral: hot-dip galvanised steel band
- wall: pure polyurethane foil, plasticiser-free

Applications

- Suction of abrasive solids
- Air-conditioning and ventilation systems
- Low pressure range

Properties

- outer chafing protection spiral
- good mechanical resistance
- good resistance to oil and petrol fumes
- cold resistant
- extremely compressible to approx. 1:6
- highly flexible
- smallest bending radii
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- more environmentally friendly alternative to PVC hoses
- significantly higher temperature resistance as PVC hoses
- highly abrasion-resistant
- extremely lightweight

Temperature Range

- -40°C to +90°C
- peaks to +125°C

Product Variations

DN	op. pressure	vacuum	bend radius	weight/m	article no.	production length	max. production length
	bar	bar	mm	kg		m	m
40	0,63	0,15	24	0,4	000262:40:x	3-10	15
45	0,62	0,14	27	0,4	000262:45:x	3-10	15
50	0,6	0,13	30	0,4	000262:50:x	3-10	15
55	0,575	0,13	33	0,4	000262:55:x	3-10	15
60	0,55	0,12	36	0,5	000262:60:x	3-10	15
65	0,5	0,11	39	0,5	000262:65:x	3-10	15
70	0,4	0,11	42	0,5	000262:70:x	3-10	15
75	0,35	0,1	45	0,6	000262:75:x	3-10	15
80	0,3	0,09	48	0,6	000262:80:x	3-10	15
90	0,26	0,08	54	0,6	000262:90:x	3-10	15
100	0,23	0,07	60	0,6	000262:100:x	3-10	15
110	0,2	0,06	66	0,6	000262:110:x	3-10	15
120	0,18	0,05	72	0,7	000262:120:x	3-10	15
125	0,17	0,05	75	0,7	000262:125:x	3-10	15
130	0,15	0,05	78	0,7	000262:130:x	3-10	15
140	0,14	0,04	84	0,8	000262:140:x	3-10	15
150	0,135	0,04	90	0,8	000262:150:x	3-10	15
160	0,13	0,04	96	0,9	000262:160:x	3-10	15
170	0,12	0,03	102	0,9	000262:170:x	3-10	15
175	0,11	0,03	105	1	000262:175:x	3-10	15
180	0,105	0,03	108	1	000262:180:x	3-10	15
200	0,1	0,03	120	1,1	000262:200:x	3-10	15
215	0,09	0,02	151	1,2	000262:215:x	3-10	15
225	0,08	0,02	158	1,3	000262:225:x	3-10	15
250	0,075	0,02	175	1,4	000262:250:x	3-10	15
275	0,07	0,01	193	1,7	000262:275:x	3-10	15
300	0,06	0,01	210	1,9	000262:300:x	3-10	15
315	0,055	0,01	221	2	000262:315:x	3-10	15
325	0,053	0,01	228	2,1	000262:325:x	3-10	15
350	0,05	0,01	245	2,3	000262:350:x	3-10	15
375	0,04	0,01	263	2,7	000262:375:x	3-10	15
400	0,03	0,01	280	2,9	000262:400:x	3-10	15
450	0,028	0,01	360	3,5	000262:450:x	3-10	15
500	0,025	0,01	400	3,9	000262:500:x	3-10	15
550	0,024	0,01	440	4,4	000262:550:x	3-10	15

600	0,022	0,01	480	4,9	000262:600:x	3-10	15
700	0,02	0,01	560	5,8	000262:700:x	3-10	10
800	0,015	0,01	640	6,7	000262:800:x	3-10	10
900	0,01	0,01	720	7,6	000262:900:x	3-10	10

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

Manufacturing and Delivery

- Customised production in the above-mentioned nominal widths and lengths

Available on request

- Available on request in other lengths, sizes, colours, spiral intervals, with stainless steel spirals.