

Master-Clip VITON®

Medium and high temperature hose for temperatures up to +210°C



Technical Drawing



Connections



Construction



Material

- clip profile spiral: hot-dip galvanised steel band
- wall: Viton®-coated polyester fabric

Applications

- Suction/extraction of aggressive media in medium temperature range
- Low pressure range
- Paint mist extraction
- Chemicals industry

Properties

- very good chemical resistance
- outer chafing protection spiral
- increased temperature resistance
- vibration-proof
- excellent UV / ozone resistance
- high tension-proof connection of wall-lining and spiral via special clamp

- mechanism
- extremely compressable to approx. 1:6
- highly flexible
- tear-proof
- smallest bending radii
- extremely lightweight

Temperature Range

- -25°C to +210°C
- peaks to +240°C

Product Variations

DN	op. pressure	vacuum	bend radius	weight/m	article no.	production length	max. production length
	bar	bar	mm	kg		m	m
38	0,94	0,47	23	0,4	000285:38:x	3-10	25
40	0,93	0,46	24	0,4	000285:40:x	3-10	25
45	0,92	0,43	27	0,4	000285:45:x	3-10	25
50	0,9	0,39	30	0,4	000285:50:x	3-10	25
55	0,85	0,32	33	0,4	000285:55:x	3-10	25
60	0,78	0,27	36	0,5	000285:60:x	3-10	25
65	0,68	0,23	39	0,5	000285:65:x	3-10	25
70	0,67	0,2	42	0,5	000285:70:x	3-10	25
75	0,62	0,18	45	0,6	000285:75:x	3-10	25
80	0,61	0,15	48	0,6	000285:80:x	3-10	25
90	0,56	0,12	54	0,6	000285:90:x	3-10	25
100	0,51	0,1	60	0,6	000285:100:x	3-10	25
110	0,48	0,08	66	0,7	000285:110:x	3-10	25
120	0,36	0,07	72	0,7	000285:120:x	3-10	25
125	0,33	0,06	75	0,8	000285:125:x	3-10	25
130	0,28	0,06	78	0,8	000285:130:x	3-10	25
140	0,25	0,05	84	0,8	000285:140:x	3-10	25
150	0,22	0,04	90	0,9	000285:150:x	3-10	25
160	0,21	0,04	96	0,9	000285:160:x	3-10	25
170	0,19	0,03	102	0,9	000285:170:x	3-10	25
175	0,185	0,03	105	1	000285:175:x	3-10	25
180	0,172	0,03	108	1	000285:180:x	3-10	25
200	0,148	0,03	120	1,2	000285:200:x	3-10	25
215	0,128	0,02	151	1,3	000285:215:x	3-10	25
225	0,115	0,02	158	1,4	000285:225:x	3-10	25
250	0,1	0,02	175	1,6	000285:250:x	3-10	25
275	0,08	0,01	193	1,9	000285:275:x	3-10	25
300	0,07	0,01	210	2,1	000285:300:x	3-10	25
315	0,062	0,01	221	2,1	000285:315:x	3-10	25
325	0,059	0,01	228	2,2	000285:325:x	3-10	25
350	0,056	0,01	245	2,5	000285:350:x	3-10	25
375	0,05	0,01	263	2,9	000285:375:x	3-10	25
400	0,047	0,01	280	3,1	000285:400:x	3-10	25
450	0,045	0,01	360	3,6	000285:450:x	3-10	25

500	0,043	0,01	400	4,1	000285:500:x	3-10	25
550	0,042	0,01	440	4,6	000285:550:x	3-10	25
600	0,039	0,01	480	5,1	000285:600:x	3-10	20
700	0,031	0,01	560	6	000285:700:x	3-10	20
800	0,022	0,01	640	6,9	000285:800:x	3-10	20
900	0,016	0,01	720	7,8	000285:900:x	3-10	20

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.