

Master-Clip SILICONE

Medium & High
Temperature Hose for tem-
peratures up to +300 °C



Material

clip profile spiral: hot-dip galvanised steel band
wall: silicone-coated glass-fibre fabric

Applications

- Machine manufacturing
- Vehicle manufacturing
- Low pressure range
- Extractor units
- Defence systems
- Aircraft manufacturing
- Engine manufacturing
- Hot and cold air conveyance

Properties

- smallest bending radii
- good temperature resistance
- hardly inflammable
- highly flexible
- UV/ozone-proof
- extremely compressible to approx. 1:6
- outer chafing protection spiral
- high tension-proof connection of wall-lining and spiral via special clamp mechanism
- adheres to TRBS 2153 (Zone 1, 21) for non-flammable dusts and gases with low conductivity for dissipation of electrostatic charges with double-ended grounding of Clips and gradient of < 30 mm (see chapter 17.10.5)
- limited vibration-proof

Temperature Range

- -60°C to +300°C
- peaks to +350°C*

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DN	op. pressure c. bar	vacuum c. mmWC	bend radius c. mm*	weight c. kg/m	article no.		
40	0,88	3760	24	0,4	223-040-116		
45	0,87	3520	27	0,4	223-045-116		
50	0,85	3200	30	0,4	223-050-116		
55	0,78	2650	33	0,4	223-055-116		
60	0,68	2220	36	0,5	223-060-116		
65	0,59	1900	39	0,5	223-065-116		
70	0,53	1600	42	0,5	223-070-116		
75	0,47	1400	45	0,6	223-075-116		
80	0,43	1250	48	0,6	223-080-116		
90	0,355	1000	54	0,6	223-090-116		
100	0,3	800	60	0,6	223-100-116		
110	0,258	660	66	0,7	223-110-116		
120	0,224	560	72	0,7	223-120-116		
125	0,21	500	75	0,8	223-125-116		
130	0,197	470	78	0,8	223-130-116		
140	0,175	410	84	0,8	223-140-116		
150	0,157	360	90	0,9	223-150-116		
160	0,14	310	96	0,9	223-160-116		
170	0,128	280	102	0,9	223-170-116		
175	0,123	260	105	1	223-175-116		
180	0,117	245	108	1	223-180-116		
200	0,099	200	120	1,2	223-200-116		
215	0,088	175	151	1,3	223-215-116		
225	0,082	160	158	1,4	223-225-116		
250	0,069	130	175	1,6	223-250-116		
275	0,059	105	193	1,9	223-275-116		
300	0,052	90	210	2,1	223-300-116		
315	0,048	80	221	2,1	223-315-116		
325	0,046	75	228	2,2	223-325-116		
350	0,04	65	245	2,5	223-350-116		
375	0,036	55	263	2,9	223-375-116		
400	0,033	50	280	3,1	223-400-116		
450	0,027	40	360	3,6	223-450-116		
500	0,023	32	400	4,1	223-500-116		
550	0,02	26	440	4,6	223-550-116		
600	0,017	22	480	5,1	223-600-116		
700	0,014	16	560	6	223-700-116		
800	0,011	13	640	6,9	223-800-116		
900	0,009	10	720	7,8	223-900-116		

All data refers to a media and ambient temperature of +20 °C

* refers to the inside of the hose

Order-specific production in above listed sizes and lengths of 3m or 6m, available within 48 hrs on request.

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

Subject to technical changes and colour deviations.