

Master-Clip SILICON

Medium and high temperature hose up to +300°C

Material

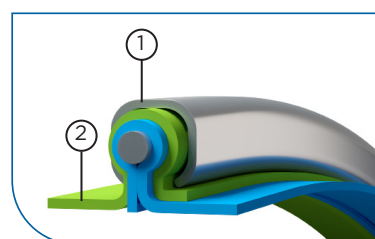
- 1 clip profile spiral: hot-dip galvanised steel band
- 2 wall: silicone-coated glass-fibre fabric

Applications

- engine manufacturing
- hot and cold air conveyance
- machine manufacturing
- automotive manufacturing
- low pressure range
- extractor units
- defence systems
- aircraft manufacturing

Properties

- hardly inflammable
- outer chafing protection spiral
- good temperature resistance
- limited vibration-proof
- extremely compressible to approx. 1:6
- smallest bending radius
- highly flexible
- high tension-proof connection of wall-lining and spiral via special clamp mechanism
- UV/ozone-proof
- extremely lightweight



Temperature Range

- -60°C to +300°C
- peaks to +350°C

DN	op. pressure	vacuum	bend radius	weight/m	old article no.	new article no.	standard length	max. production length
	bar	bar	mm	kg			m	m
50	0.85	0.31	30	0.4	223-050-x	000291-50-x	10	10
55	0.78	0.26	33	0.4	223-055-x	000291-55-x	10	10
60	0.68	0.22	36	0.5	223-060-x	000291-60-x	10	10
65	0.59	0.19	39	0.5	223-065-x	000291-65-x	10	10
70	0.53	0.16	42	0.5	223-070-x	000291-70-x	10	10
75	0.47	0.14	45	0.6	223-075-x	000291-75-x	10	10
80	0.43	0.12	48	0.6	223-080-x	000291-80-x	10	15
90	0.355	0.1	54	0.6	223-090-x	000291-90-x	10	15
100	0.3	0.08	60	0.6	223-100-x	000291-100-x	10	15
110	0.258	0.07	66	0.7	223-110-x	000291-110-x	10	15
120	0.224	0.06	72	0.7	223-120-x	000291-120-x	10	15
125	0.21	0.05	75	0.8	223-125-x	000291-125-x	10	15
130	0.197	0.05	78	0.8	223-130-x	000291-130-x	10	15
140	0.175	0.04	84	0.8	223-140-x	000291-140-x	10	15
150	0.157	0.04	90	0.9	223-150-x	000291-150-x	10	15
160	0.14	0.03	96	0.9	223-160-x	000291-160-x	10	15
170	0.128	0.03	102	0.9	223-170-x	000291-170-x	10	15
175	0.123	0.03	105	1	223-175-x	000291-175-x	10	15
180	0.117	0.02	108	1	223-180-x	000291-180-x	10	15
200	0.099	0.02	120	1.2	223-200-x	000291-200-x	10	15
215	0.088	0.02	151	1.3	223-215-x	000291-215-x	10	15
225	0.082	0.02	158	1.4	223-225-x	000291-225-x	10	15
250	0.069	0.01	175	1.6	223-250-x	000291-250-x	10	15
275	0.059	0.01	193	1.9	223-275-x	000291-275-x	10	15
300	0.052	0.01	210	2.1	223-300-x	000291-300-x	10	15
315	0.048	0.01	221	2.1	223-315-x	000291-315-x	10	15
325	0.046	0.01	228	2.2	223-325-x	000291-325-x	10	10
350	0.04	0.01	245	2.5	223-350-x	000291-350-x	10	10
375	0.036	0.01	263	2.9	223-375-x	000291-375-x	10	10
400	0.033	0.01	280	3.1	223-400-x	000291-400-x	10	10
450	0.027	0.01	360	3.6	223-450-x	000291-450-x	10	10
500	0.023	0.01	400	4.1	223-500-x	000291-500-x	10	10
550	0.02	0.01	440	4.6	223-550-x	000291-550-x	10	10
600	0.017	0.01	480	5.1	223-600-x	000291-600-x	10	10
700	0.014	0.01	560	6	223-700-x	000291-700-x	6	6
800	0.011	0.01	640	6.9	223-800-x	000291-800-x	6	6
900	0.009	0.01	720	7.8	223-900-x	000291-900-x	6	6

All data refers to a medium and ambient temperature of +20 °C.
 * Available on request
 Subject to technical changes and colour deviations.



Hose Reducer, symmetrical



Clip-Grip quick action clamp



Clip-Grip Hose clamp, screwable



Hose Connector