

Master-SIL 1

Medium and high temperature hose up to +250°C

Material

- 1 spiral: spring steel wire
- 2 wall: silicone-coated glass-fibre fabric
- 3 cord: fibreglass fabric

Applications

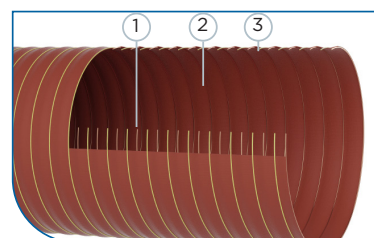
- chemicals industry
- hot air hose for granulate dryer
- machine and engine manufacturing
- shipbuilding
- plastic processing industry
- waste incineration plants
- conveyance of air and gaseous media with high nominal and ambient temperatures
- automotive manufacturing

Properties

- mostly smooth inner lining
- bend-proof
- fixed vulcanised wall and steel filament
- light
- symmetrical fold behaviour
- smallest bending radius
- highly flexible
- good chemical resistance

Temperature Range

- -70°C to +250°C
- peaks -85°C to +300°C



DN	op. pressure	vacuum	bend radius	weight/m	old article no.	new article no.	standard length	max. production length
	bar	bar					m	m
13*	1.7	0.51	8	0.1	685-013-x	000493-013-x	4	4
19	1.6	0.5	8	0.11	685-019-x	000493-019-x	4	4
25	1.6	0.5	8	0.12	685-025-x	000493-025-x	4	4
30*	1.4	0.49	10	0.14	685-030-x	000493-030-x	4	4
32	1.4	0.49	10	0.14	685-032-x	000493-032-x	4	4
38	1.3	0.49	12	0.17	685-038-x	000493-038-x	4	4
41	1.3	0.47	13	0.2	685-041-x	000493-041-x	4	4
42*	1.2	0.45	14	0.21	685-042-x	000493-042-x	4	4
44	1.2	0.45	14	0.21	685-044-x	000493-044-x	4	4
45*	1.2	0.45	14	0.21	685-045-x	000493-045-x	4	4
51	1.2	0.42	16	0.25	685-051-x	000493-051-x	4	4
55*	1.1	0.41	18	0.27	685-055-x	000493-055-x	4	4
57	1.1	0.4	18	0.28	685-057-x	000493-057-x	4	4
60	1.1	0.39	20	0.3	685-060-x	000493-060-x	4	4
63	1.1	0.38	22	0.32	685-063-x	000493-063-x	4	4
64*	1.1	0.38	22	0.32	685-064-x	000493-064-x	4	4
65	1.1	0.37	22	0.34	685-065-x	000493-065-x	4	4
70	1.1	0.35	24	0.36	685-070-x	000493-070-x	4	4
76	1.1	0.33	27	0.41	685-076-x	000493-076-x	4	4
80	1	0.31	28	0.44	685-080-x	000493-080-x	4	4
83	1	0.3	28	0.46	685-083-x	000493-083-x	4	4
90	1	0.29	29	0.49	685-090-x	000493-090-x	4	4
95	0.9	0.28	32	0.56	685-095-x	000493-095-x	4	4
102	0.9	0.26	35	0.65	685-102-x	000493-102-x	4	4
108	0.9	0.24	38	0.68	685-108-x	000493-108-x	4	4
110	0.9	0.24	38	0.69	685-110-x	000493-110-x	4	4
114*	0.9	0.22	40	0.71	685-114-x	000493-114-x	4	4
120	0.8	0.2	43	0.76	685-120-x	000493-120-x	4	4
127	0.8	0.17	46	0.8	685-127-x	000493-127-x	4	4
130*	0.8	0.17	47	0.82	685-130-x	000493-130-x	4	4
140	0.7	0.15	48	0.9	685-140-x	000493-140-x	4	4
152	0.7	0.14	51	0.99	685-152-x	000493-152-x	4	4
160	0.6	0.13	53	1.05	685-160-x	000493-160-x	4	4
165*	0.6	0.12	55	1.08	685-165-x	000493-165-x	4	4
180*	0.6	0.11	60	1.19	685-180-x	000493-180-x	4	4
203	0.5	0.07	68	1.33	685-203-x	000493-203-x	4	4
229*	0.4	0.06	84	1.48	685-229-x	000493-229-x	4	4
254*	0.4	0.04	102	1.68	685-254-x	000493-254-x	4	4
305*	0.2	0.02	123	2.05	685-305-x	000493-305-x	4	4
229*	0.6	0.08	125	1.9	681-229-x	000485-229-x	4	4
254*	0.5	0.07	150	2.14	681-254-x	000485-254-x	4	4
305*	0.3	0.04	210	2.58	681-305-x	000485-305-x	4	4

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 Hose clamp, screwable



Hose Connector