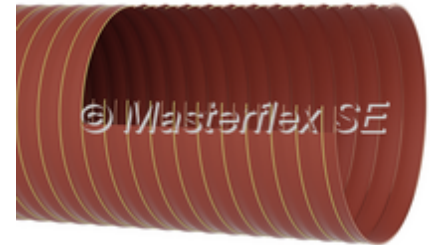


Master-SIL 1

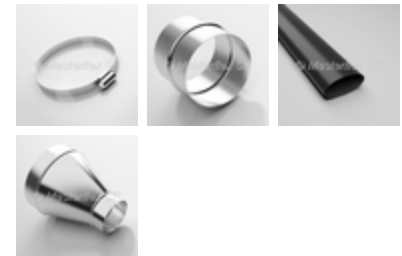
Medium and high temperature hose for temperatures up to +250°C



Technical Drawing



Connections



Construction



Material

- spiral: spring steel wire
- wall: silicone-coated glass-fibre fabric
- 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
- Aircraft manufacturing

Properties

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

Temperature Range

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

Product Variations (**Please replace "x" with your desired hose length.)

DN	op. pressure	vacuum	bend radius	weight/m	old article no.	**new article no.	stock length	max. production length
	bar	bar	mm	kg			m	m
13	1,7	0,51	8	0,1	685-013-119	000493:13:x	/	4
19	1,6	0,5	8	0,11	685-019-119	000493:19:x	4	4
25	1,6	0,5	8	0,12	685-025-119	000493:25:x	4	4
30	1,4	0,49	10	0,14	685-030-119	000493:30:x	/	4
32	1,4	0,49	10	0,14	685-032-119	000493:32x	4	4
38	1,3	0,49	12	0,17	685-038-119	000493:38:x	4	4
41	1,3	0,47	13	0,2	685-041-119	000493:41:x	4	4
42	1,2	0,45	14	0,21	685-042-119	000493:42:x	/	4
44	1,2	0,45	14	0,21	685-044-119	000493:44:x	4	4
45	1,2	0,45	14	0,21	685-045-119	000493:45:x	/	4
51	1,2	0,42	16	0,25	685-051-119	000493:51:x	4	4
55	1,1	0,41	18	0,27	685-055-119	000493:55:x	/	4
57	1,1	0,4	18	0,28	685-057-119	000493:57:x	/	4
60	1,1	0,39	20	0,3	685-060-119	000493:60:x	4	4
63	1,1	0,38	22	0,32	685-063-119	000493:63:x	4	4
64	1,1	0,38	22	0,32	685-064-119	000493:64:x	/	4
65	1,1	0,37	22	0,34	685-065-119	000493:65:x	/	4
70	1,1	0,35	24	0,36	685-070-119	000493:70:x	/	4
76	1,1	0,33	27	0,41	685-076-119	000493:76:x	4	4
80	1	0,31	28	0,44	685-080-119	000493:80:x	4	4
83	1	0,3	28	0,46	685-083-119	000493:83:x	4	4
90	1	0,29	29	0,49	685-090-119	000493:90:x	4	4
95	0,9	0,28	32	0,56	685-095-119	000493:95:x	/	4
102	0,9	0,26	35	0,65	685-102-119	000493:102:x	4	4
108	0,9	0,24	38	0,68	685-108-119	000493:108:x	/	4
110	0,9	0,24	38	0,69	685-110-119	000493:110:x	/	4
114	0,9	0,22	40	0,71	685-114-119	000493:114:x	4	4
120	0,8	0,2	43	0,76	685-120-119	000493:120:x	4	4
127	0,8	0,17	46	0,8	685-127-119	000493:127:x	4	4
130	0,8	0,17	47	0,82	685-130-119	000493:130:x	/	4
140	0,7	0,15	48	0,9	685-140-119	000493:140:x	4	4
152	0,7	0,14	51	0,99	685-152-119	000493:152:x	4	4

160	0,6	0,13	53	1,05	685-160-119	000493:160:x	4	4
165	0,6	0,12	55	1,08	685-165-119	000493:165:x	/	4
180	0,6	0,11	60	1,19	685-180-119	000493:180:x	/	4
203	0,5	0,07	68	1,33	685-203-119	000493:203:x	4	4
229	0,4	0,06	84	1,48	685-229-119	000493:229:x	4	4
254	0,4	0,04	102	1,68	685-254-119	000493:254:x	4	4
305	0,2	0,02	123	2,05	685-305-119	000493:305:x	/	4

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.

Available on request

- Available on request in other lengths, sizes, with spiral-free sleeves, with plastic spirals.