

## Master-SIL 1

Medium & High  
Temperature Hose for tem-  
peratures up to +250 °C



### Material

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

### Applications

- Chemicals industry
- Vehicle manufacturing
- Aircraft manufacturing
- 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

### Properties

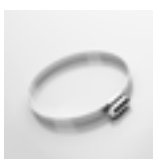
- light
- smallest bending radii
- good chemical resistance
- mostly smooth inner lining
- highly flexible
- symmetrical fold behaviour
- bend-proof
- fixed vulcanised wall and steel filament

### Temperature Range

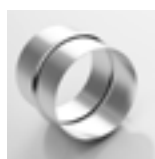
- -70°C to +250°C
- peaks -85°C to +300°C

DN	op. pressure c. bar	vacuum c. mmWC	bend radius c. mm*	weight c. kg/m	article no..	stock length	
13	1,7	5200	8	0,1	685-013-0400	4m	
19	1,6	5100	8	0,11	685-019-0400	4m	
25	1,6	5100	8	0,12	685-025-0400	4m	
30	1,4	5000	10	0,14	685-030-0400	4m	
32	1,4	5000	10	0,14	685-032-0400	4m	
35	1,3	5000	11	0,15	685-035-0400	4m	
38	1,3	5000	12	0,17	685-038-0400	4m	
39	1,3	5000	12	0,17	685-039-0400	4m	
40	1,3	4800	13	0,2	685-040-0400	4m	
41	1,3	4800	13	0,2	685-041-0400	4m	
42	1,2	4600	14	0,21	685-042-0400	4m	
44	1,2	4600	14	0,21	685-044-0400	4m	
45	1,2	4600	14	0,21	685-045-0400	4m	
50	1,2	4300	16	0,25	685-050-0400	4m	
51	1,2	4300	16	0,25	685-051-0400	4m	
55	1,1	4200	18	0,27	685-055-0400	4m	
57	1,1	4100	18	0,28	685-057-0400	4m	
60	1,1	4000	20	0,3	685-060-0400	4m	
62	1,1	3900	21	0,31	685-062-0400	4m	
63	1,1	3900	22	0,32	685-063-0400	4m	
64	1,1	3900	22	0,32	685-064-0400	4m	
65	1,1	3800	22	0,34	685-065-0400	4m	
70	1,1	3600	24	0,36	685-070-0400	4m	
72	1,1	3500	25	0,38	685-072-0400	4m	
76	1,1	3400	27	0,41	685-076-0400	4m	
80	1	3200	28	0,44	685-080-0400	4m	
83	1	3100	28	0,46	685-083-0400	4m	
90	1	3000	29	0,49	685-090-0400	4m	
91	1	3000	29	0,49	685-091-0400	4m	
95	0,9	2800	32	0,56	685-095-0400	4m	
100	0,9	2600	35	0,65	685-100-0400	4m	
102	0,9	2600	35	0,65	685-102-0400	4m	
108	0,9	2400	38	0,68	685-108-0400	4m	
110	0,9	2400	38	0,69	685-110-0400	4m	
114	0,9	2200	40	0,71	685-114-0400	4m	
115	0,9	2200	40	0,72	685-115-0400	4m	
120	0,8	2000	43	0,76	685-120-0400	4m	
125	0,8	1700	46	0,79	685-125-0400	4m	
127	0,8	1700	46	0,8	685-127-0400	4m	
130	0,8	1700	47	0,82	685-130-0400	4m	
140	0,7	1500	48	0,9	685-140-0400	4m	
150	0,7	1400	50	0,97	685-150-0400	4m	
152	0,7	1400	51	0,99	685-152-0400	4m	

All data refers to a media and ambient temperature of +20 °C  
 \* refers to the inside of the hose  
 Available from stock in lengths from 4m and the above listed sizes.  
 Available on request in other lengths, sizes, with spiral-free sleeves or plastic spirals.  
 Subject to technical changes and colour deviations.



Hose Clamp with  
Worm-Gear Drive



Hose Connector



Heat-Shrink Cuff



Hose Reducer,  
symmetrical



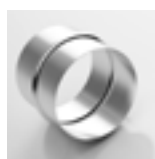
Combiflex SIL Screw Cuff

DN	op. pressure c. bar	vacuum c. mmWC	bend radius c. mm*	weight c. kg/m	article no..	stock length	
160	0,6	1300	53	1,05	685-160-0400	4m	
165	0,6	1200	55	1,08	685-165-0400	4m	
180	0,6	1100	60	1,19	685-180-0400	4m	
185	0,5	1000	62	1,22	685-185-0400	4m	
203	0,5	700	68	1,33	685-203-0400	4m	
229	0,4	580	84	1,48	685-229-0400	4m	
254	0,4	400	102	1,68	685-254-0400	4m	
305	0,2	200	123	2,05	685-305-0400	4m	

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