

Temperature-Resistant Hoses up to +250 °C

Master-SIL 2

Medium & High
Temperature Hose for
temperatures up to +250
°C, double-layered



Material

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

Applications

- Chemicals industry
- Vehicle manufacturing
- Aircraft manufacturing
- Conveyance of air and gaseous media with high nominal and ambient temperatures with greater mechanical requirements
- Hot air hose for granulate dryer
- Machine and engine manufacturing
- Shipbuilding
- Plastic processing industry
- Waste incineration plants

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	2,8	6500	15	0,16	686-013-0400	4m	
19	2,8	6500	15	0,19	686-019-0400	4m	
25	2,8	6500	15	0,22	686-026-0400	4m	
30	2,8	6500	15	0,25	686-030-0400	4m	
32	2,8	6500	16	0,26	686-032-0400	4m	
35	2,7	6000	17	0,3	686-035-0400	4m	
38	2,6	6000	18	0,31	686-038-0400	4m	
39	2,6	6000	19	0,32	686-039-0400	4m	
40	2,6	6000	19	0,32	686-040-0400	4m	
41	2,6	6000	19	0,32	686-041-0400	4m	
42	2,6	6000	19	0,32	686-042-0400	4m	
44	2,6	5600	21	0,34	686-044-0400	4m	
45	2,6	5600	21	0,34	686-045-0400	4m	
50	2,6	5200	24	0,35	686-050-0400	4m	
51	2,6	5200	24	0,36	686-051-0400	4m	
55	2,5	4900	27	0,42	686-055-0400	4m	
57	2,5	4900	28	0,43	686-057-0400	4m	
60	2,4	4800	31	0,47	686-060-0400	4m	
62	2,4	4800	31	0,48	686-062-0400	4m	
63	2,4	4800	31	0,49	686-063-0400	4m	
64	2,4	4800	31	0,49	686-064-0400	4m	
65	2,4	4800	31	0,5	686-065-0400	4m	
70	2,3	4400	35	0,53	686-070-0400	4m	
72	2,3	4400	36	0,56	686-072-0400	4m	
76	2,2	4300	38	0,58	686-076-0400	4m	
80	2,1	4200	40	0,62	686-080-0400	4m	
83	2,1	4100	42	0,64	686-083-0400	4m	
90	2	4000	44	0,69	686-090-0400	4m	
91	2	4000	44	0,7	686-091-0400	4m	
95	1,9	3700	48	0,73	686-095-0400	4m	
100	1,9	3500	52	0,76	686-100-0400	4m	
102	1,9	3500	52	0,77	686-102-0400	4m	
108	1,7	3100	55	0,83	686-108-0400	4m	
110	1,7	3000	57	0,85	686-110-0400	4m	
114	1,6	2900	57	0,89	686-114-0400	4m	
115	1,6	2900	59	0,9	686-115-0400	4m	
120	1,6	2800	61	0,94	686-120-0400	4m	
125	1,4	2600	63	0,98	686-125-0400	4m	
127	1,4	2500	64	1	686-127-0400	4m	
130	1,3	2300	65	1,02	686-130-0400	4m	
140	1,3	1900	70	1,11	686-140-0400	4m	
150	1,2	1700	75	1,2	686-150-0400	4m	
152	1,2	1700	75	1,2	686-152-0400	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.

DN	op. pressure c. bar	vacuum c. mmWC	bend radius c. mm*	weight c. kg/m	article no.	stock length	
160	1,1	1500	80	1,28	686-160-0400	4m	
165	1	1400	83	1,32	686-165-0400	4m	
180	1	1200	90	1,48	686-180-0400	4m	
185	1	1200	90	1,48	686-185-0400	4m	
203	0,7	900	101	1,65	686-203-0400	4m	
229	0,6	800	125	1,9	686-229-0400	4m	
254	0,5	700	150	2,14	686-254-0400	4m	
305	0,3	400	210	2,58	686-305-0400	4m	

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