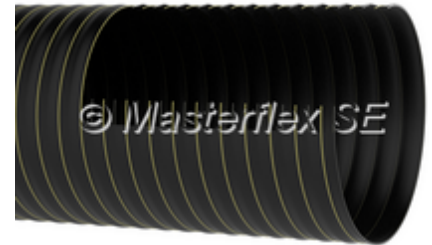


Master-NEO 1

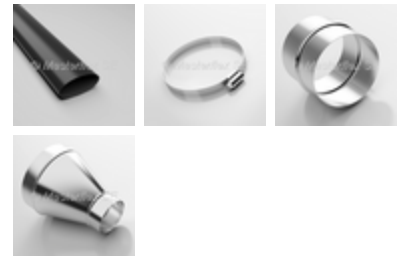
Medium and high temperature hose for temperatures up to +135°C



Technical Drawing



Connections



Construction



Material

- spiral: spring steel wire
- wall: neoprene-coated glass 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
- approved acc.to DIN 75200 and FMVSS 302 for application in transit vehicles

Temperature Range

- -35°C to +135°C
- peaks -55°C to +150°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	680-013-107	000479:13:x	/	4
19	1,6	0,5	8	0,11	680-019-107	000479:19:x	4	4
22	1,6	0,5	8	0,12	380-022-107	000479:22:x	4	4
25	1,6	0,5	8	0,12	680-025-107	000479:25:x	4	4
30	1,4	0,49	10	0,14	680-030-107	000479:30:x	/	4
32	1,37	0,49	11	0,15	680-032-107	000479:32:x	4	4
35	1,35	0,49	11	0,15	680-035-107	000479:35:x	/	4
38	1,3	0,49	12	0,17	680-038-107	000479:38:x	4	4
41	1,3	0,47	13	0,2	680-041-107	000479:41:x	/	4
42	1,2	0,47	13	0,2	680-042-107	000479:42:x	/	4
44	1,2	0,45	14	0,21	680-044-107	000479:44:x	4	4
45	1,2	0,45	14	0,21	680-045-107	000479:45:x	/	4
51	1,2	0,42	16	0,25	680-051-107	000479:51:x	4	4
55	1,1	0,41	18	0,27	680-055-107	000479:55:x	4	4
57	1,1	0,4	18	0,28	680-057-107	000479:57:x	4	4
60	1,1	0,39	20	0,3	680-060-107	000479:60:x	4	4
63	1,1	0,38	22	0,32	680-063-107	000479:63:x	4	4
64	1,1	0,38	22	0,32	680-064-107	000479:64:x	/	4
65	1,1	0,37	22	0,34	680-065-107	000479:65:x	/	4
70	1,1	0,35	24	0,36	680-070-107	000479:70:x	4	4
76	1,1	0,33	27	0,41	680-076-107	000479:76:x	4	4
80	1	0,31	28	0,44	680-080-107	000479:80:x	4	4
83	1	0,3	28	0,46	680-083-107	000479:83:x	4	4
90	1	0,29	29	0,49	680-090-107	000479:90:x	4	4
91	1	0,29	29	0,49	680-091-107	000479:91:x	/	4
95	0,9	0,28	32	0,56	680-095-107	000479:95:x	4	4
102	0,9	0,26	35	0,65	680-102-107	000479:102:x	4	4
108	0,9	0,24	38	0,68	680-108-107	000479:108:x	/	4
110	0,9	0,24	38	0,69	680-110-107	000479:110:x	/	4
114	0,9	0,22	40	0,71	680-114-107	000479:114:x	4	4
120	0,8	0,2	43	0,76	680-120-107	000479:120:x	/	4

127	0,8	0,17	46	0,8	680-127-107	000479:127:x	4	4
130	0,8	0,17	47	0,82	680-130-107	000479:130:x	/	4
140	0,7	0,15	48	0,9	680-140-107	000479:140:x	4	4
152	0,7	0,14	51	0,99	680-152-107	000479:152:x	4	4
160	0,6	0,13	53	1,05	680-160-107	000479:160:x	4	4
165	0,6	0,12	55	1,08	680-165-107	000479:165:x	/	4
180	0,6	0,11	60	1,19	680-180-107	000479:180:x	/	4
203	0,5	0,07	68	1,33	680-203-107	000479:203:x	4	4
229	0,4	0,06	84	1,48	680-229-107	000479:229:x	/	4
254	0,4	0,04	102	1,68	680-254-107	000479:254:x	4	4
305	0,2	0,02	123	2,05	680-305-107	000479:305:x	4	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.