

## Master-NEO 1

Medium & High  
Temperature Hose for tem-  
peratures up to +135 °C



### Material

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

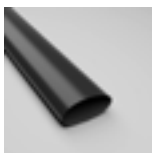
- light
- smallest bending radii
- good chemical resistance
- mostly smooth inner lining
- highly flexible
- symmetrical fold behaviour
- approved acc.to DIN 75200 and FMVSS 302 for application in transit vehicles
- bend-proof
- fixed vulcanised wall and steel filament

### Temperature Range

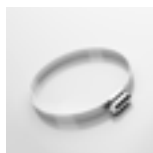
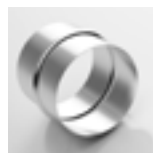
- -35°C to +135°C
- peaks -55°C to +150°C\*

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	680-013-0400	4m	
19	1,6	5100	8	0,11	680-019-0400	4m	
25	1,6	5100	8	0,12	680-025-0400	4m	
30	1,4	5000	10	0,14	680-030-0400	4m	
32	1,4	5000	10	0,14	680-032-0400	4m	
35	1,3	5000	11	0,15	680-035-0400	4m	
38	1,3	5000	12	0,17	680-038-0400	4m	
39	1,3	5000	12	0,17	680-039-0400	4m	
40	1,3	4800	13	0,2	680-040-0400	4m	
41	1,3	4800	13	0,2	680-041-0400	4m	
42	1,3	4800	13	0,2	680-042-0400	4m	
44	1,2	4600	14	0,21	680-044-0400	4m	
45	1,2	4600	14	0,21	680-045-0400	4m	
50	1,2	4300	16	0,25	680-050-0400	4m	
51	1,2	4300	16	0,25	680-051-0400	4m	
55	1,1	4200	18	0,27	680-055-0400	4m	
57	1,1	4100	18	0,28	680-057-0400	4m	
60	1,1	4000	20	0,3	680-060-0400	4m	
62	1,1	3900	21	0,31	680-062-0400	4m	
63	1,1	3900	22	0,32	680-063-0400	4m	
64	1,1	3900	22	0,32	680-064-0400	4m	
65	1,1	3800	22	0,34	680-065-0400	4m	
70	1,1	3600	24	0,36	680-070-0400	4m	
72	1,1	3500	25	0,37	680-072-0400	4m	
76	1,1	3400	27	0,41	680-076-0400	4m	
80	1	3200	28	0,44	680-080-0400	4m	
83	1	3100	28	0,46	680-083-0400	4m	
90	1	3000	29	0,49	680-090-0400	4m	
91	1	3000	30	0,49	680-091-0400	4m	
95	0,9	2800	32	0,56	680-095-0400	4m	
100	0,9	2600	34	0,63	680-100-0400	4m	
102	0,9	2600	35	0,65	680-102-0400	4m	
108	0,9	2400	38	0,68	680-108-0400	4m	
110	0,9	2400	38	0,69	680-110-0400	4m	
114	0,9	2200	40	0,71	680-114-0400	4m	
115	0,9	2200	40	0,72	680-115-0400	4m	
120	0,8	2000	43	0,76	680-120-0400	4m	
125	0,8	1700	46	0,79	680-125-0400	4m	
127	0,8	1700	46	0,8	680-127-0400	4m	
130	0,8	1700	47	0,82	680-130-0400	4m	
140	0,7	1500	48	0,9	680-140-0400	4m	
150	0,7	1400	50	0,97	680-150-0400	4m	
152	0,7	1400	51	0,99	680-152-0400	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.



Heat-Shrink Cuff


 Hose Clamp with  
 Worm-Gear Drive


Hose Connector

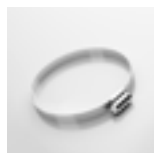
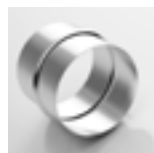

 Hose Reducer,  
 symmetrical

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	680-160-0400	4m	
165	0,6	1200	55	1,08	680-165-0400	4m	
180	0,6	1100	60	1,19	680-180-0400	4m	
185	0,5	900	62	1,22	680-185-0400	4m	
203	0,5	700	68	1,33	680-203-0400	4m	
229	0,4	580	84	1,48	680-229-0400	4m	
254	0,4	400	102	1,68	680-254-0400	4m	
305	0,2	200	123	2,05	680-305-0400	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.



Heat-Shrink Cuff


 Hose Clamp with  
 Worm-Gear Drive


Hose Connector


 Hose Reducer,  
 symmetrical