

Master-NEO 2

Medium and high temperature hose up to +135°C, two layers

Material

- 1 spiral: spring steel wire
- 2 wall: neoprene-coated glass fabric, double-layered
- 3 cord: fibreglass fabric

Applications

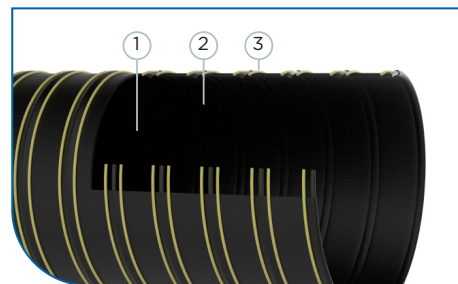
- chemicals industry
- conveyance of air and gaseous media with high nominal and ambient temperatures with greater mechanical requirements
- hot air hose for granulate dryer
- machine and engine manufacturing
- shipbuilding
- plastic processing industry
- waste incineration plants
- automotive manufacturing
- aircraft manufacturing

Properties

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

Temperature Range

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



DN	op. pressure	vacuum	bend radius	weight/m	old article no.	new article no.	standard length	max. production length
	bar	bar	mm	kg				
13	2.8	0.64	15	0.16	681-013-x	000485-013-x	4	4
19	2.8	0.64	15	0.19	681-019-x	000485-019-x	4	4
25	2.8	0.64	15	0.22	681-025-x	000485-025-x	4	4
30*	2.8	0.64	15	0.25	681-030-x	000485-030-x	4	4
32	2.7	0.62	16	0.27	681-032-x	000485-032-x	4	4
35	2.7	0.59	17	0.3	681-035-x	000485-035-x	4	4
38	2.6	0.59	18	0.31	681-038-x	000485-038-x	4	4
41	2.6	0.59	19	0.32	681-041-x	000485-041-x	4	4
42*	2.6	0.59	19	0.32	681-042-x	000485-042-x	4	4
44	2.6	0.55	21	0.34	681-044-x	000485-044-x	4	4
45*	2.6	0.55	21	0.34	681-045-x	000485-045-x	4	4
51	2.6	0.51	24	0.36	681-051-x	000485-051-x	4	4
55	2.5	0.48	27	0.42	681-055-x	000485-055-x	4	4
57	2.5	0.48	28	0.43	681-057-x	000485-057-x	4	4
60	2.4	0.47	31	0.47	681-060-x	000485-060-x	4	4
63	2.4	0.47	31	0.49	681-063-x	000485-063-x	4	4
64*	2.4	0.47	31	0.49	681-064-x	000485-064-x	4	4
65	2.4	0.47	31	0.5	681-065-x	000485-065-x	4	4
70	2.3	0.43	35	0.53	681-070-x	000485-070-x	4	4
76	2.2	0.42	38	0.58	681-076-x	000485-076-x	4	4
80	2.1	0.41	40	0.62	681-080-x	000485-080-x	4	4
83	2.1	0.4	42	0.64	681-083-x	000485-083-x	4	4
90	2	0.39	44	0.7	681-090-x	000485-090-x	4	4
91*	2	0.39	44	0.7	681-091-x	000485-091-x	4	4
95	1.9	0.36	48	0.73	681-095-x	000485-095-x	4	4
102	1.9	0.34	52	0.77	681-102-x	000485-102-x	4	4
108	1.7	0.3	55	0.83	681-108-x	000485-108-x	4	4
110	1.7	0.29	57	0.85	681-110-x	000485-110-x	4	4
114	1.6	0.28	57	0.89	681-114-x	000485-114-x	4	4
120*	1.6	0.28	61	0.94	681-120-x	000485-120-x	4	4
127	1.4	0.25	64	1	681-127-x	000485-127-x	4	4
130*	1.3	0.23	65	1.02	681-130-x	000485-130-x	4	4
140	1.3	0.19	70	1.11	681-140-x	000485-140-x	4	4
152	1.2	0.17	75	1.2	681-152-x	000485-152-x	4	4
160	1.1	0.15	80	1.28	681-160-x	000485-160-x	4	4
165*	1	0.14	83	1.32	681-165-x	000485-165-x	4	4
173*	1	0.13	87	1.4	681-173-x	000485-173-x	4	4
180	1	0.12	90	1.48	681-180-x	000485-180-x	4	4
203	0.7	0.09	101	1.65	681-203-x	000485-203-x	4	4
229*	0.6	0.08	125	1.9	681-229-x	000485-229-x	4	4
254*	0.5	0.07	150	2.14	681-254-x	000485-254-x	4	4
305*	0.3	0.04	210	2.58	681-305-x	000485-305-x	4	4

All data refers to a medium and ambient temperature of +20 °C.

* Available on request

Subject to technical changes and colour deviations.



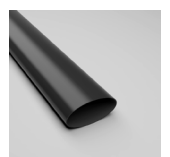
Hose Reducer, symmetrical



Clip-Grip Hose clamp, screwable



Hose Connector



Heat-Shrink Cuff