

MEDIUM AND HIGH TEMPERATURE HOSE FOR TEMPERATURES UP TO +270°F



5.2.2

MASTER-NEO 2

Material

hose wall: neoprene-coated glass fabric, two layers
spiral: spring steel wire
cord: glass fibre cord

Applications

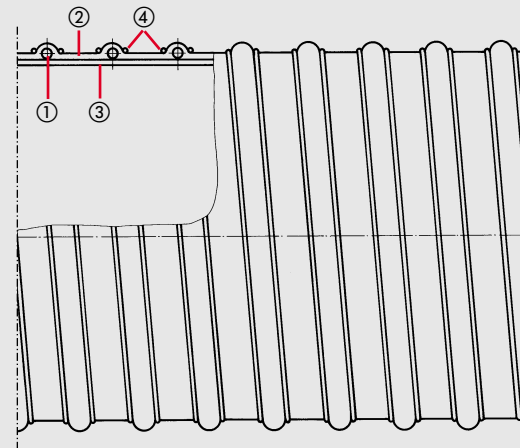
- guiding of air or gaseous media with high gas or environmental temperatures
- vehicle industry
- aircraft industry
- ship building industry
- general engineering and engine construction
- chemical industry
- plastics production
- hot air hose for granule dryers

Properties

- highly flexible
- lightweight
- small bend radius
- symmetric bending
- kink-proof
- good chemical resistance
- immovable vulcanized wall and spring steel spiral

Construction

- ① spring steel spiral
- ② outer layer: neoprene-coated glass fabric
- ③ inner layer: neoprene-coated glass fabric
- ④ glass fibre cord



Temperature Range

- -60 °F up to +270°F
- intermittent to +300°F

Chem. Resistance

see resistance table
 register no. 15

Technical Data, custom designs and forms of delivery see back page

MASTER-NEO 2

Dia. (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Weight (lbs./ft.)	Product code
0.52	1,125	260	0.60	0.10736	681-013-107
0.76	1,125	260	0.60	0.12749	681-019-107
1.04	1,125	260	0.60	0.15433	681-026-107
1.20	1,125	260	0.60	0.16775	681-030-107
1.28	1,125	260	0.64	0.17446	681-032-107
1.52	1,045	240	0.72	0.20801	681-038-107
1.60	1,045	240	0.76	0.21472	681-040-107
1.64	1,045	240	0.76	0.21472	681-041-107
1.76	1,045	224	0.84	0.22814	681-044-107
1.80	1,045	224	0.84	0.22814	681-045-107
2.00	1,045	208	0.96	0.24156	681-050-107
2.04	1,045	208	0.96	0.24156	681-051-107
2.20	1,005	196	1.08	0.28182	681-055-107
2.28	1,005	196	1.12	0.28853	681-057-107
2.40	965	192	1.24	0.31537	681-060-107
2.52	965	192	1.24	0.32879	681-063-107
2.60	965	192	1.24	0.3355	681-065-107
2.80	924	176	1.40	0.35563	681-070-107
3.00	884	172	1.52	0.38918	681-075-107
3.04	884	172	1.52	0.38918	681-076-107
3.20	844	168	1.60	0.41602	681-080-107
3.32	844	164	1.68	0.42944	681-083-107
3.56	804	160	1.76	0.45628	681-089-107
3.60	804	160	1.76	0.46299	681-090-107
3.80	764	148	1.92	0.48983	681-095-107
4.00	764	140	2.08	0.51667	681-100-107
4.08	764	140	2.08	0.51667	681-102-107
4.32	683	124	2.20	0.55693	681-108-107
4.40	683	120	2.28	0.57035	681-110-107
4.56	643	116	2.28	0.59719	681-114-107
4.60	643	116	2.36	0.6039	681-115-107
4.80	643	112	2.44	0.63074	681-120-107
5.00	563	104	2.52	0.65758	681-125-107
5.08	563	100	2.56	0.67100	681-127-107
5.20	522	92	2.60	0.68442	681-130-107
5.60	522	76	2.80	0.74481	681-140-107
6.00	482	68	3.00	0.80520	681-150-107
6.08	482	68	3.00	0.80520	681-152-107
6.40	442	60	3.20	0.85888	681-160-107
6.60	402	56	3.32	0.88572	681-165-107
6.92	402	52	3.48	0.93940	681-173-107
7.12	402	48	3.56	0.97295	681-178-107
7.20	402	48	3.60	0.99308	681-180-107
8.00	281	36	4.00	1.08702	681-200-107
8.12	281	36	4.04	1.10715	681-203-107
9.16	241	32	5.00	1.27490	681-229-107
10.00	201	28	6.00	1.40239	681-250-107
10.16	201	28	6.00	1.43594	681-254-107
12.00	121	16	8.40	1.71105	681-300-107
12.20	121	16	8.40	1.73118	681-305-107

* Referring to the inner side of the elbow of hose.

The above mentioned data refers to an average and ambient temperature of 68°F. Subject to technical changes and color variations. Please refer to technical data sheet when selecting hose.

Delivery forms:

Standard production:

- Dia. .52" - 12.2"
- Color black
- Production lengths 10'

Available on request:

- special diameters
- special lengths
- with spiralfree sleeves

Installation and connection possibilities (see section no. 11 and 12):

