

VULCANIZED PRODUCTS FOR TEMPERATURES UP TO +300°F

Master-NEO 2

Material

- Hose wall: neoprene-coated glass fabric, double-layered
- Spiral: spring steel wire
- Cord: glass fiber cord

Applications

- Chemical industry
- Automotive industry
- Aircraft industry
- Ship building industry
- Plastic processing industry
- Machine and engine manufacturing
- General engineering and engine construction
- Conveyance of air or gaseous media with high nominal and ambient temperatures with greater mechanical requirements
- Hot air hose for granule dryers
- Waste incineration plants

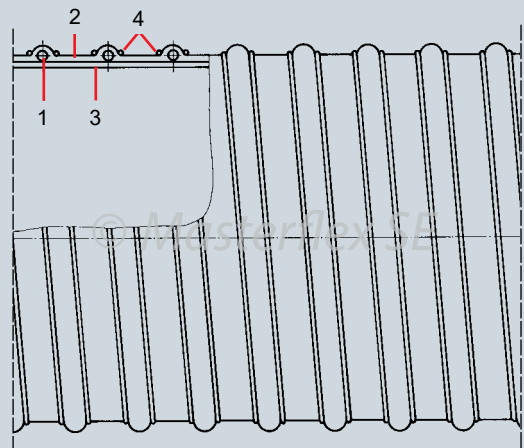
Properties

- Highly flexible
- Lightweight
- Small bend radius
- Symmetrical 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 fiber cord



Temperature Range*

- -65°F up to +300°F

Chem. Resistance

See resistance table

*Hoses used for vehicle exhaust extraction, or operating near maximum temperature, must be used within a properly designed fan system to avoid damaging the hose.

Master-NEO 2

Dia (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Weight (lbs./ft.)	Product Code
1.00	1,125	260	0.60	0.15	681-026-107
1.25	1,125	260	0.63	0.17	681-032-107
1.50	1,045	240	0.72	0.21	681-038-107
1.75	1,045	224	0.84	0.23	681-044-107
2.00	1,045	208	0.96	0.24	681-050-107
2.25	1,005	196	1.12	0.29	681-057-107
2.50	965	184	1.24	0.33	681-063-107
3.00	884	172	1.52	0.39	681-075-107
3.50	804	160	1.76	0.46	681-090-107
4.00	764	140	2.08	0.51	681-100-107
4.50	643	116	2.28	0.59	681-115-107
5.00	563	104	2.52	0.65	681-125-107
6.00	482	68	3.00	0.80	681-150-107
7.00	402	48	3.56	0.97	681-175-107
8.00	281	36	4.00	1.09	681-200-107
10.00	201	28	6.00	1.40	681-250-107
12.00	121	16	8.40	1.71	681-300-107

*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.
 Hose can't be bonded.

Standard Production

- Diameter: 1" to 12"
- Color: black
- Standard lengths: 13'

Available on Request

- Special lengths
- With spiral-free sleeves

Installation and connection possibilities



Hose clamp with worm-gear drive



Hose connector



Hose reducer, symmetrical

Masterduct, Inc.
 5235 Ted Street
 Houston, TX 77040 USA
 Tel. +1 713 462-5779
 Tel. +1 800 318-3300
 Fax +1 713 939-8441
 www.Masterduct.com