

GENERAL PURPOSE VENTILATION HOSE FOR TEMPERATURES UP TO +300°F



MASTER-CLIP NEOPRENE H

Material

hose wall: neoprene-coated polyester fabric
external helix: galvanized steel

Applications

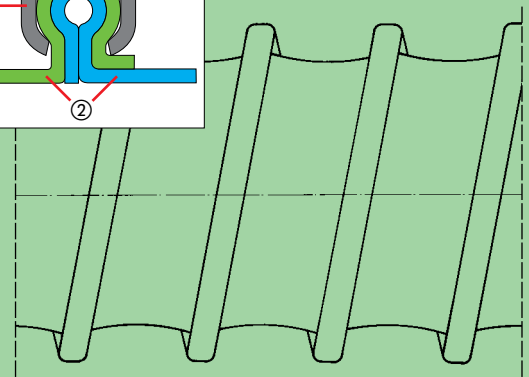
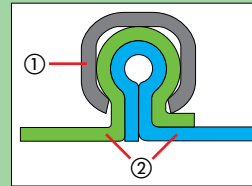
- transfer of hot or cold air
- air-conditioning/ventilation
- vehicle construction
- engine construction
- exhaust fumes equipment
- extraction of corrosive media
- chemical plants
- higher vacuum applications

Properties

- improved temperature resistance
- flame resistance (passes FTM 5903)
- good chemical resistance
- highly flexible
- extreme compressibility 1:6
- small bend radius
- vibration proof
- external steel helix protects against abrasion
- special clamping method guarantees high tensile strength between hose material and external helix

Construction

- ① external helix
- ② hose wall: neoprene-coated polyester fabric



Temperature Range

- -30°F up to +300°F
- intermittent to +350°F
- When used in exhaust gas systems, gas funnels should be used properly and enough fresh air should be utilized.

Chem. Resistance

see resistance table

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



Masterduct
Member of the Masterflex-Group

MASTER-CLIP NEOPRENE H

Dia. (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Weight (lbs./ft.)	Product code
2.00	362	176	1.20	0.3355	234-050-107
2.50	273	104	1.56	0.4697	234-063-107
3.00	249	78	1.80	0.5368	234-075-107
3.50	225	54	2.16	0.6039	234-090-107
4.00	205	44	2.40	0.6710	234-100-107
4.50	193	37	2.64	0.7381	234-115-107
5.00	133	28	3.00	0.8052	234-125-107
5.50	100	23	3.36	0.8723	234-140-107
6.00	88	20	3.60	0.8723	234-150-107
6.40	84	17	3.84	0.8723	234-160-107
7.00	74	15	4.20	0.9394	234-175-107
8.00	59	11	4.80	1.0736	234-200-107
9.00	46	9	6.32	1.3420	234-225-107
10.00	40	7	7.00	1.4091	234-250-107
11.00	32	6	7.72	1.5433	234-275-107
12.00	28	5	8.40	1.6104	234-300-107
13.00	24	4	9.12	1.8788	234-325-107
14.00	23	4	9.80	2.2143	234-350-107
15.00	20	3	10.52	2.3485	234-375-107
16.00	19	3	11.20	2.5498	234-400-107
18.00	18	2	14.40	2.8182	234-450-107
20.00	17	2	16.00	3.1537	234-500-107
22.00	17	2	17.60	3.5563	234-550-107
24.00	16	1	19.20	3.9589	234-600-107
28.00	12	1	22.40	4.6299	234-700-107
32.00	9	1	25.60	5.0996	234-800-107
36.00	6	1	28.80	5.5022	234-900-107

Delivery forms:

Standard production:

- Dia. 2" - 36"
- Color: black
- Production lengths 25'

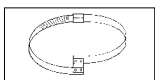
Available on request:

- special colors
- special lengths
- custom design with other pitches and helix sizes
- external helix also in stainless steel or aluminium
- double layer fabric available
- special diameters - metric

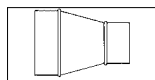
* Referring to the inner side of the elbow of hose.

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.

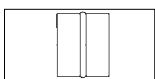
Installation and connection possibilities:



CLIP-GRIP special hose clamp for MASTER-CLIP hoses



hose reducer, symmetrical



hose connector