

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



MASTER-CLIP NEOPRENE

Material

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

Applications

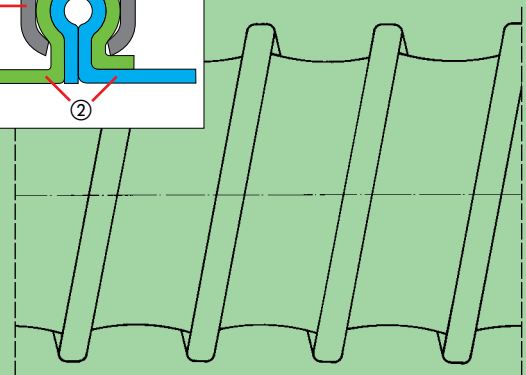
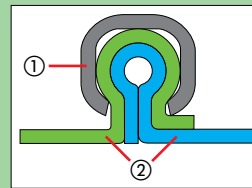
- transfer of hot or cold air
- air-conditioning/ventilation
- vehicle construction
- engine construction
- exhaust fumes equipment
- extraction of corrosive media
- chemical plants
- low pressure applications

Properties

- improved temperature resistance
- flame resistant, passed UL 94;V-O
- 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

Dia. (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Weight (lbs./ft.)	Product code
2.00	362	160	1.20	0.2684	220-050-107
2.50	273	95	1.56	0.3355	220-063-107
3.00	249	71	1.80	0.4026	220-075-107
3.50	225	49	2.16	0.4026	220-090-107
4.00	205	40	2.40	0.4026	220-100-107
4.50	193	33	2.64	0.4697	220-115-107
5.00	133	26	3.00	0.5368	220-125-107
5.50	100	20	3.36	0.5368	220-140-107
6.00	88	18	3.60	0.6039	220-150-107
6.40	84	16	3.84	0.6039	220-160-107
7.00	74	13	4.20	0.6710	220-175-107
8.00	59	10	4.80	0.8052	220-200-107
9.00	46	8	6.32	0.9394	220-225-107
10.00	40	6	7.00	1.0736	220-250-107
11.00	32	5	7.72	1.2749	220-275-107
12.00	28	4	8.40	1.4091	220-300-107
13.00	24	4	9.12	1.4762	220-325-107
14.00	23	3	9.80	1.6775	220-350-107
14.60	20	3	10.52	1.9459	220-375-107
16.00	19	3	11.20	2.0801	220-400-107
18.00	18	2	14.40	2.4156	220-450-107
20.00	17	2	16.00	2.7511	220-500-107
22.00	17	1	17.60	3.0866	220-550-107
24.00	16	1	19.20	3.4221	220-600-107
28.00	12	1	22.40	4.0260	220-700-107
32.00	9	1	25.60	4.6299	220-800-107
36.00	6	1	28.80	5.2338	220-900-107

Delivery forms:

Standard production:

- Dia. 1.52" - 36"
- Color: black
- Production lengths 25'

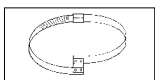
Available on request:

- 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

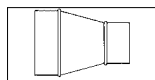
* Referring to the inner side of the elbow of hose.

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.

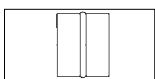
Installation and connection possibilities:



CLIP-GRIP special hose clamp for MASTER-CLIP hoses



hose reducer, symmetrical



hose connector