

SUCTION AND BLOWER HOSE FOR AIR CONDITIONING / VENTILATION



4.5

MASTER-CLIP PE

Material

hose wall: polyethylene-coated fabric on both sides
external helix: galvanized steel

Applications

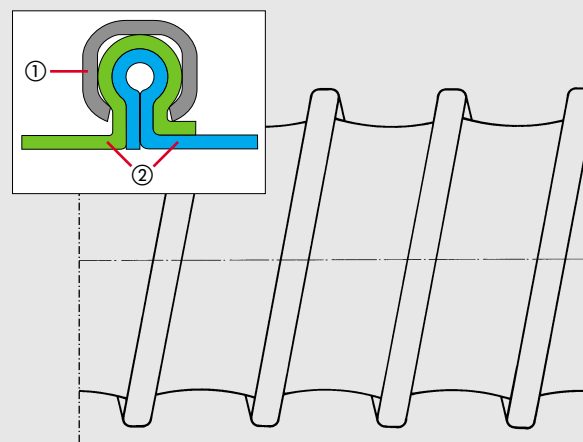
- suction plants for removal of asbestos disposal
- air conditioning/ventilation
- suction plants
- transporting and extracting air
- low pressure applications

Properties

- improved vacuum proof
- good resistance to mechanical damage
- extra strength
- highly flexible
- extreme compressibility 1:6
- small bend radius
- environmentally friendly alternative to PVC
- higher temperature resistance than PVC-hoses
- 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: polyethylene fabric coated in polyethylene on both sides



Temperature Range

- -40°F up to +185°F
- intermittent to +260°F

Chem. Resistance

see resistance table section no. 15

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



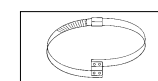
MASTER-CLIP PE

Dia. (in.)	Positive (Dia.)	Negative (in. w.c.)	*Bending radius (in.)	Weight (lbs./ft.)	Product code
1.6	374	188	0.96	0.2684	213-040-103
1.8	370	176	1.08	0.2684	213-045-103
2.0	362	160	1.20	0.2684	213-050-103
2.2	342	132	1.32	0.2684	213-055-103
2.4	313	111	1.44	0.3355	213-060-103
2.6	273	95	1.56	0.3355	213-065-103
2.8	269	82	1.68	0.3355	213-070-103
3.0	249	71	1.80	0.3355	213-075-103
3.2	245	62	1.92	0.4026	213-080-103
3.6	225	49	2.16	0.4026	213-090-103
4.0	205	40	2.40	0.4026	213-100-103
4.4	193	33	2.64	0.4026	213-110-103
4.8	145	28	2.88	0.4026	213-120-103
5.0	133	26	3.00	0.4697	213-125-103
5.2	113	24	3.12	0.4697	213-130-103
5.6	100	20	3.36	0.4697	213-140-103
6.0	88	18	3.60	0.5368	213-150-103
6.4	84	16	3.84	0.5368	213-160-103
6.8	76	14	4.08	0.5368	213-170-103
7.0	74	13	4.20	0.6039	213-175-103
7.2	69	12	4.32	0.6039	213-180-103
8.0	59	10	4.80	0.6710	213-200-103
8.6	51	9	6.04	0.7381	213-215-103
9.0	46	8	6.32	0.7381	213-225-103
10.0	40	6	7.00	0.8723	213-250-103
11.0	32	5	7.72	0.9394	213-275-103
12.0	28	4	8.40	1.0065	213-300-103
12.6	25	4	8.84	1.0736	213-315-103
13.0	24	4	9.12	1.1407	213-325-103
14.0	23	3	9.80	1.2749	213-350-103
15.0	20	3	10.52	1.4762	213-375-103
16.0	19	3	11.20	1.6104	213-400-103
18.0	18	2	14.40	1.8117	213-450-103
20.0	17	2	16.00	2.0801	213-500-103
22.0	17	1	17.60	2.3485	213-550-103
24.0	16	1	19.20	2.6169	213-600-103
28.0	12	1	22.40	3.0195	213-700-103
32.0	9	1	25.60	3.4892	213-800-103
36.0	6	1	28.80	4.0260	213-900-103

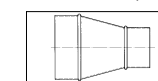
* Referring to the inner side of the elbow of hose.

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 (see section no. 11 and 12):



CLIP-GRIP special hose clamp for MASTER-CLIP hoses



hose reducer, symmetrical



hose connector