

# SUCTION AND BLOWER HOSE FOR AIR CONDITIONING / VENTILATION



## MASTER-CLIP PE

### Material

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

### Applications

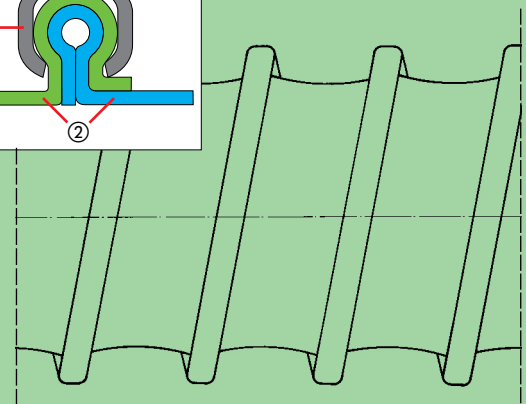
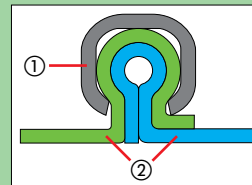
- suction plants for removal of asbestos disposal
- air conditioning/ventilation
- suction plants
- transporting and extracting air
- low pressure applications

### 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

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



**Masterduct**  
Member of the Masterflex-Group

# MASTER-CLIP PE

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	213-050-103
2.50	273	111	1.56	0.3355	213-060-103
3.00	249	71	1.80	0.3355	213-075-103
3.50	225	49	2.16	0.4026	213-090-103
4.00	205	40	2.40	0.4026	213-100-103
4.50	193	33	2.64	0.4026	213-115-103
5.00	133	26	3.00	0.4697	213-125-103
5.50	100	20	3.36	0.4697	213-140-103
6.00	88	18	3.60	0.5368	213-150-103
6.40	84	16	3.84	0.5368	213-160-103
7.00	74	13	4.20	0.6039	213-175-103
8.00	59	10	4.80	0.6710	213-200-103
9.00	46	8	6.32	0.7381	213-225-103
10.00	40	6	7.00	0.8723	213-250-103
11.00	32	5	7.72	0.9394	213-275-103
12.00	28	4	8.40	1.0065	213-300-103
13.00	24	4	9.12	1.1407	213-325-103
14.00	23	3	9.80	1.2749	213-350-103
15.00	20	3	10.52	1.4762	213-375-103
16.00	19	3	11.20	1.6104	213-400-103
18.00	18	2	14.40	1.8117	213-450-103
20.00	17	2	16.00	2.0801	213-500-103
22.00	17	1	17.60	2.3485	213-550-103
24.00	16	1	19.20	2.6169	213-600-103
28.00	12	1	22.40	3.0195	213-700-103
32.00	9	1	25.60	3.4892	213-800-103
36.00	6	1	28.80	4.0260	213-900-103

## Delivery forms:

### Standard production:

- Dia. 1.6" - 36"
- Color: transparent
- Production lengths 25'

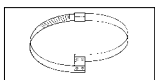
### Available on request:

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

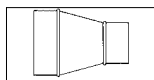
\* Referring to the inner side of the elbow of hose.

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.

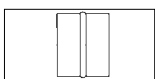
## Installation and connection possibilities:



CLIP-GRIP special hose clamp for MASTER-CLIP hoses



hose reducer; symmetrical



hose connector