

# SUCTION AND BLOWER HOSE FOR AIR CONDITIONING / VENTILATION MADE FROM PVC-FILM



## MASTER-CLIP VINYL

### Material

hose wall: pure PVC-film

external helix: galvanized steel

### Applications

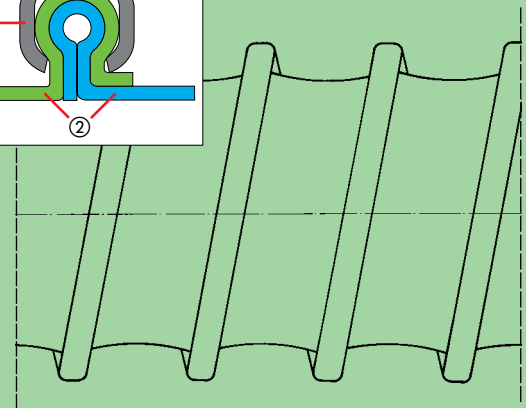
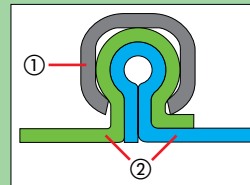
- air conditioning/ventilation
- exhaust equipment
- suction and extraction of air
- low pressure applications

### Properties

- extra strength and inexpensive
- highly flexible
- extreme compressibility 1:6
- small bend radius
- 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: pure PVC-film



### Temperature Range

- - 5°F up to +160°F
- intermittent to +175°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 VINYL

Dia. (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Weight (lbs./ft.)	Product code
2.00	241	54	1.20	0.2684	210-050-102
2.50	201	45	1.56	0.3355	210-060-102
3.00	141	40	1.80	0.3355	210-075-102
3.50	104	32	2.16	0.4026	210-090-102
4.00	92	27	2.40	0.4026	210-100-102
4.50	80	23	2.64	0.4026	210-115-102
5.00	68	20	3.00	0.4697	210-125-102
5.50	56	18	3.36	0.5368	210-140-102
6.00	56	18	3.60	0.6039	210-150-102
6.40	52	16	3.84	0.6039	210-160-102
7.00	44	13	4.20	0.6710	210-175-102
8.00	40	10	4.80	0.7381	210-200-102
9.00	32	8	6.32	0.8052	210-225-102
10.00	32	6	7.00	0.9394	210-250-102
11.00	28	5	7.72	1.1407	210-275-102
12.00	24	4	8.40	1.2749	210-300-102
13.00	20	4	9.12	1.3420	210-325-102
14.00	20	3	9.80	1.4762	210-350-102
15.00	16	3	10.52	1.7446	210-375-102
16.00	12	3	11.20	1.8788	210-400-102
18.00	12	2	14.40	2.2143	210-450-102
20.00	12	2	16.00	2.5498	210-500-102
22.00	8	1	17.60	2.8853	210-550-102
24.00	8	1	19.20	3.2879	210-600-102
28.00	8	1	22.40	3.7576	210-700-102
32.00	8	1	25.60	4.1602	210-800-102
36.00	4	1	28.80	4.6970	210-900-102

## Delivery forms:

### Standard production:

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

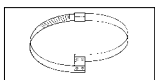
### Available on request:

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

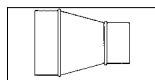
\* Referring to the inner side of the elbow of hose.

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.

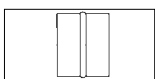
## Installation and connection possibilities:



CLIP-GRIP special hose clamp for MASTER-CLIP hoses



hose reducer; symmetrical



hose connector