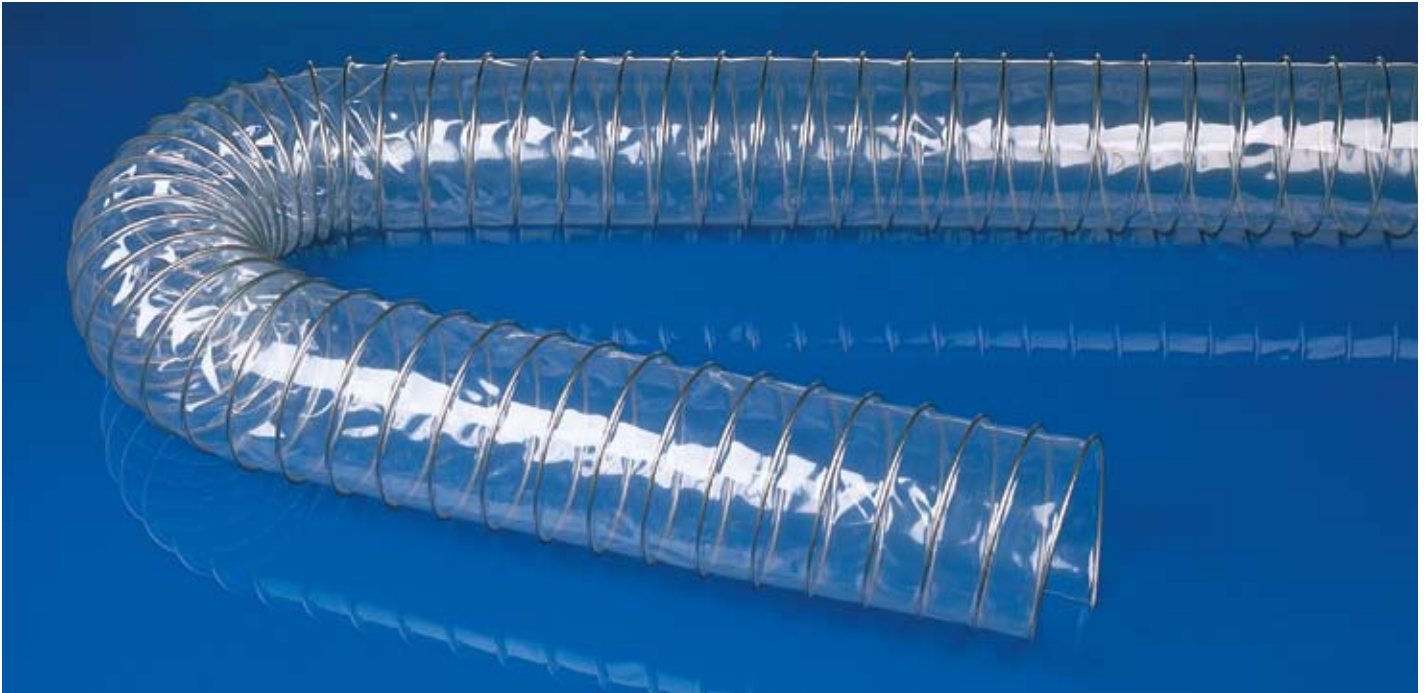


SUCTION AND BLOWER HOSE FOR AIR CONDITIONING / VENTILATION



MASTER-CLIP PUR

Material

hose wall: pure polyurethane film, free from plasticizers
external helix: galvanized steel

Applications

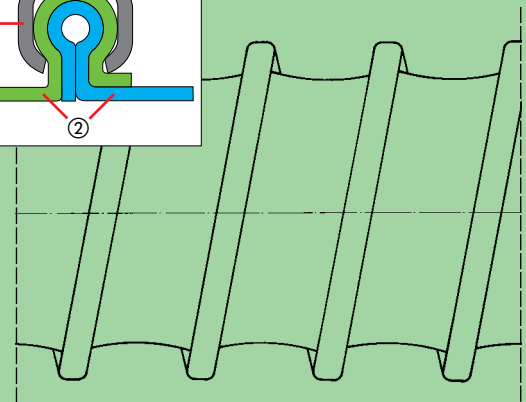
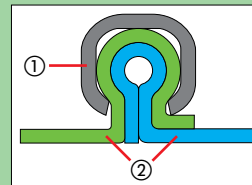
- air conditioning/ventilation
- extraction of abrasive media
- grass collectors and lawn mowers
- low pressure applications
- light material handling
- dust collection

Properties

- highly abrasion-resistant
- good resistance to mechanical damage
- good resistance to oil and gas vapors
- improved vacuum characteristics
- highly resilient
- resistant to ageing
- resistant to low temperatures
- very flexible
- extreme compressibility 1:6
- small bend radius
- external steel helix protects against abrasion
- environmentally sound alternative to PVC
- much higher temperature rating than PVC-hoses
- special clamping method guarantees high tensile strength between hose material and external helix

Construction

- ① external helix
- ② hose wall: pure polyurethane film, wall thickness ca. 0.0118"



Temperature Range

- -40 °F up to +195 °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 PUR

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	214-050-101
2.50	201	45	1.56	0.3355	214-060-101
3.00	141	40	1.80	0.4026	214-075-101
3.50	104	32	2.16	0.4026	214-090-101
4.00	92	27	2.40	0.4026	214-100-101
4.50	80	23	2.64	0.4026	214-115-101
5.00	68	20	3.00	0.4697	214-125-101
5.60	56	18	3.36	0.5368	214-140-101
6.00	54	18	3.60	0.5368	214-150-101
6.40	52	16	3.84	0.6039	214-160-101
7.00	44	13	4.20	0.6710	214-175-101
8.00	40	10	4.80	0.7381	214-200-101
9.00	32	8	6.32	0.8723	214-225-101
10.00	30	6	7.00	0.9394	214-250-101
11.00	28	5	7.72	1.1407	214-275-101
12.00	24	4	8.40	1.2749	214-300-101
13.00	21	4	9.12	1.4091	214-325-101
14.00	20	3	9.80	1.5433	214-350-101
15.00	16	3	10.52	1.8117	214-375-101
16.00	12	3	11.20	1.9459	214-400-101
18.00	11	2	14.40	2.3485	214-450-101
20.00	10	2	16.00	2.6169	214-500-101
22.00	10	1	17.60	2.9524	214-550-101
24.00	9	1	19.20	3.2879	214-600-101
28.00	8	1	22.40	3.8918	214-700-101
32.00	6	1	25.60	4.4957	214-800-101
36.00	4	1	28.80	5.0996	214-900-101

Delivery forms:

Standard production:

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

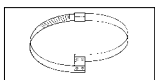
Available on request:

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

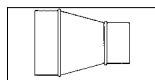
* Referring to the inner side of the elbow of hose.

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.

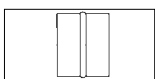
Installation and connection possibilities:



CLIP-GRIP special hose clamp for MASTER-CLIP hoses



hose reducer; symmetrical



hose connector