

SUCTION AND VENTILATING HOSE FOR CORROSIVE MEDIA UP TO +480°F



MASTER-CLIP TEFLON®

Material

hose wall: both sides PTFE-coated glass fabric

external helix: galvanized steel

Applications

- extraction of corrosive media
- chemical plants
- paint mist exhaustion
- paint, wood and paper industries
- extraction of solvents
- pharmaceutical industry
- low pressure applications

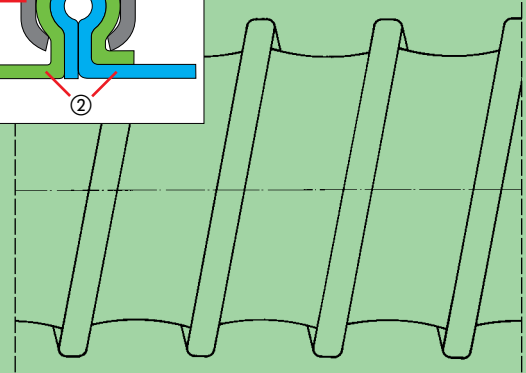
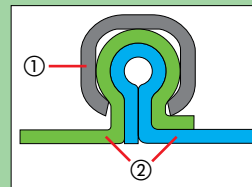
Properties

- excellent chemical resistance
- PTFE: harmless to health
- heat and cold resistant
- excellent weather resistance
- highly flexible
- extreme compressibility 1:6
- small bend radius
- outer hose wall of extra strength material
- hose wall with non-stick surface
- optimum flow characteristics
- external steel helix protects against abrasion
- special clamping method guarantees high tensile strength between hose material and external helix

Teflon® is a registered trademark of DuPont Dow Elastomers.

Construction

- ① external helix
- ② hose wall: on both sides PTFE-coated glass fabric



Temperature Range

- -235°F up to +480°F
- intermittent to +520°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 TEFLON®

Dia. (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Weight (lbs./ft.)	Product code
2.00	342	128	1.20	0.2684	250-050-113
2.50	237	76	1.56	0.3355	250-063-113
3.00	189	56	1.80	0.4026	250-075-113
3.50	143	40	2.16	0.4026	250-090-113
4.00	121	32	2.40	0.4026	250-100-113
4.50	104	26	2.64	0.4026	250-115-113
5.00	84	20	3.00	0.4697	250-125-113
5.50	70	16	3.36	0.5368	250-140-113
6.00	63	14	3.60	0.5368	250-150-113
6.40	56	12	3.84	0.6039	250-160-113
7.00	49	10	4.20	0.6710	250-175-113
8.00	40	8	4.80	0.7381	250-200-113
9.00	33	6	6.32	0.8723	250-225-113
10.00	28	5	7.00	0.9394	250-250-113
11.00	24	4	7.72	1.1407	250-275-113
12.00	21	4	8.40	1.2749	250-300-113
13.00	18	3	9.12	1.4091	250-325-113
14.00	16	3	9.80	1.5433	250-350-113
15.00	14	2	10.52	1.8117	250-375-113
16.00	13	2	11.20	1.9459	250-400-113
18.00	11	2	14.40	2.3485	250-450-113
20.00	9	1	16.00	2.6169	250-500-113
22.00	8	1	17.60	2.9524	250-550-113
24.00	7	1	19.20	3.2879	250-600-113
28.00	6	1	22.40	3.8918	250-700-113
32.00	4	1	25.60	4.4957	250-800-113
36.00	4	1	28.80	5.0996	250-900-113

Delivery forms:

Standard production:

- Dia. 2" - 36"
- Color: light brown
- Production lengths 25'

Available on request:

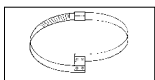
- special colors
- special lengths
- custom design with other pitches and helix sizes
- external helix also in stainless steel or aluminium
- special diameters - metric

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

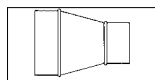
The above mentioned data refers to an average and ambient temperature of 68°F. Subject to technical changes and color variations. Please refer to technical data sheet when selecting hose.

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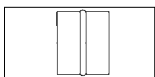
Installation and connection possibilities:



CLIP-GRIP special hose clamp for MASTER-CLIP hoses



hose reducer, symmetrical



hose connector