

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



7.6

MASTER-CLIP TEFLON

Material

hose wall: both sides PTFE-coated glass fabric
external helix: galvanized steel

Applications

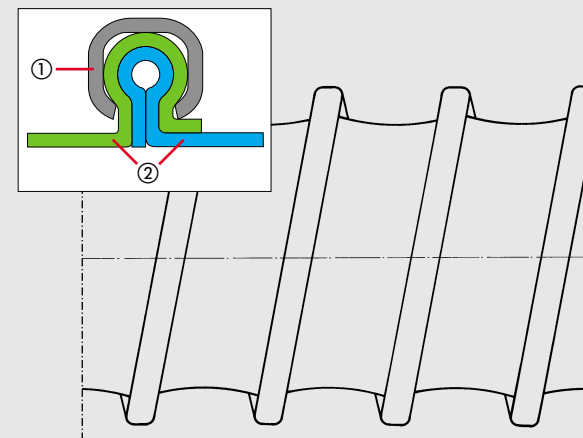
- extraction of corrosive media
- chemical plants
- paint mist exhaustion
- paint, wood and paper industries
- extraction of solvents
- pharmaceutical industry
- low pressure applications

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

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
 register no. 15

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



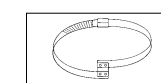
MASTER-CLIP TEFLON

Dia. (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Weight (lbs./ft.)	Product code
1.6	362	144	0.96	0.2684	250-040-113
1.8	350	136	1.08	0.2684	250-045-113
2.0	342	128	1.20	0.2684	250-050-113
2.2	313	106	1.32	0.2684	250-055-113
2.4	273	89	1.44	0.3355	250-060-113
2.6	237	76	1.56	0.3355	250-065-113
2.8	213	64	1.68	0.3355	250-070-113
3.0	189	56	1.80	0.4026	250-075-113
3.2	173	50	1.92	0.4026	250-080-113
3.6	143	40	2.16	0.4026	250-090-113
4.0	121	32	2.40	0.4026	250-100-113
4.4	104	26	2.64	0.4026	250-110-113
4.8	90	22	2.88	0.4697	250-120-113
5.0	84	20	3.00	0.4697	250-125-113
5.2	79	19	3.12	0.4697	250-130-113
5.6	70	16	3.36	0.5368	250-140-113
6.0	63	14	3.60	0.5368	250-150-113
6.4	56	12	3.84	0.6039	250-160-113
6.8	51	11	4.08	0.6039	250-170-113
7.0	49	10	4.20	0.6710	250-175-113
7.2	47	10	4.32	0.6710	250-180-113
8.0	40	8	4.80	0.7381	250-200-113
8.6	35	7	6.04	0.8052	250-215-113
9.0	33	6	6.32	0.8723	250-225-113
10.0	28	5	7.00	0.9394	250-250-113
11.0	24	4	7.72	1.1407	250-275-113
12.0	21	4	8.40	1.2749	250-300-113
12.6	19	3	8.84	1.3420	250-315-113
13.0	18	3	9.12	1.4091	250-325-113
14.0	16	3	9.80	1.5433	250-350-113
15.0	14	2	10.52	1.8117	250-375-113
16.0	13	2	11.20	1.9459	250-400-113
18.0	11	2	14.40	2.3485	250-450-113
20.0	9	1	16.00	2.6169	250-500-113
22.0	8	1	17.60	2.9524	250-550-113
24.0	7	1	19.20	3.2879	250-600-113
28.0	6	1	22.40	3.8918	250-700-113
32.0	4	1	25.60	4.4957	250-800-113
36.0	4	1	28.80	5.0996	250-900-113

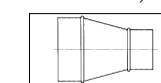
* Referring to the inner side of the elbow of hose.

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.

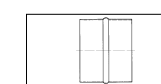
Installation and connection possibilities (see section no. 11 and 12):



CLIP-GRIP special hose clamp for MASTER-CLIP hoses



hose reducer, symmetrical



hose connector