

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

## Master-Clip PTFE

### Material

Hose wall: PTFE-coated glass fabric  
External helix: galvanized steel

### Applications

- Pharmaceutical industry
- Chemical plants
- Paint, wood and paper industries
- Extraction of corrosive media
- Paint mist exhaustion
- Solvent extraction
- Low pressure applications

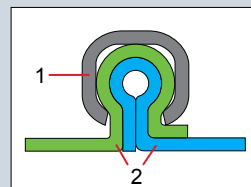
### Properties

- Excellent chemical resistance
- PTFE: harmless to health
- Weather-proof
- High temperature and cold resistant
- Highly flexible
- Extreme compressibility 1:6
- Small bend radius
- Extremely lightweight
- Hose wall with non-stick surface
- Outer hose wall of extra strength material
- Excellent flex fatigue resistance
- Good tear strength
- 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: PTFE-coated glass fabric



### Temperature Range

- -235°F up to +480°F
- Intermittent to +520°F

### Chem. Resistance

- See resistance table

# Master-Clip PTFE

Dia (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Weight (lbs./ft.)	Product Code
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	14.340	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

\*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.

## Standard Production

- Diameter: 2.5" to 36"
- Color: light brown
- Standard lengths: 25'

## Available on Request

- Special colors
- Special lengths
- Custom design with other pitches and helix sizes
- External helix also in stainless steel
- Special diameters metric

## Installation and connection possibilities



Clip-Grip special hose clamp



Hose connector



Hose reducer, symmetrical