

SUCTION AND VENTILATING HOSE FOR CORROSIVE MEDIA UP TO +600°F

Master-Clip PTFE-FG-SS

Material

Hose wall: laminated PTFE
External helix: stainless steel

Applications

- Food industry
- Pharmaceutical industry
- Clean room applications
- Laboratory applications
- Gaseous media
- Chemicals
- Low pressure applications

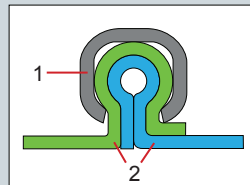
Properties

- Excellent chemical resistance
- PTFE: harmless to health
- Excellent weather resistance
- High temperature and cold resistant
- Highly flexible
- Extreme compressibility 1:6
- Small bend radius
- Hose wall with non-stick surface
- Excellent flex fatigue resistance
- Good tear strength
- Optimum flow characteristics
- External helix protects against abrasion
- Special clamping method guarantees high tensile strength between hose material and external helix
- Meets FDA code for food contact: 21 CFR 177.1550, 21 CFR 177.2600, 21 CFR 175.300, 21 CFR 175.105, 21 CFR 176.170, 21 CFR 176.180



Construction

1. External helix
2. Hose wall: laminated PTFE



Temperature Range

- -290°F up to +600°F

Chem. Resistance

See resistance table

Master-Clip PTFE-FG-SS

Dia (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Weight (lbs./ft.)	Product Code
3.00	189	56	1.80	0.4429	264-075-888
3.50	143	40	2.16	0.4429	264-090-888
4.00	121	32	2.40	0.4429	264-100-888
4.50	104	26	2.64	0.4429	264-115-888
5.00	84	20	3.00	0.5166	264-125-888
5.50	70	16	3.36	0.5905	264-140-888
6.00	63	14	3.60	0.5905	264-150-888
6.40	56	12	3.84	0.6643	264-160-888
7.00	49	10	4.20	0.7381	264-175-888
8.00	40	8	4.80	0.8119	264-200-888
9.00	33	6	6.32	0.9595	264-225-888
10.00	28	5	7.00	1.0333	264-250-888
12.00	21	4	8.40	1.4024	264-300-888
14.00	16	3	9.80	1.5433	264-350-888

*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: 3" to 14"
- Color: natural
- Standard lengths: 25'

Available on Request

- Special lengths
- Special diameters metric

Installation and connection possibilities



Clip-Grip special hose clamp



Hose connector



Hose reducer, symmetrical

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Connecting Values

030915 MasterCLIP PTFE-FG-SS