

FUME AND CHEMICAL HOSE FOR TEMPERATURES UP TO +410°F

Master-Clip VITON

Material

Hose wall: Viton®-coated polyester fabric
External helix: galvanized steel

Applications

- Chemical industry
- Extraction of corrosive aggressive media in medium temperature range
- Paint mist exhaustion
- Low pressure applications

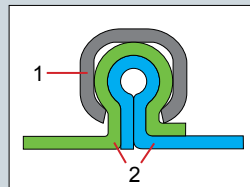
Properties

- Excellent chemical resistance
- High temperature resistant
- Excellent UV/ozone resistance
- Highly flexible
- Extreme compressibility 1:6
- Small bend radius
- Vibration-proof
- Kink-proof
- Tear resistant
- Smooth inner wall
- 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: Viton®-coated polyester fabric



Temperature Range

- -15°F up to +410°F
- Intermittent to +465°F

Chem. Resistance

- See resistance table

**Total Air/Energy
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MASTERDUCT
Connecting Values

Master-Clip VITON

Dia (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Weight (lbs./ft.)	Product Code
2.50	273	95	1.56	0.3355	222-063-119
3.00	249	71	1.80	0.4026	222-075-119
3.50	225	49	2.16	0.4026	222-090-119
4.00	205	40	2.40	0.4026	222-100-119
4.50	193	33	2.64	0.4697	222-115-119
5.00	133	26	3.00	0.5368	222-125-119
5.50	100	20	3.36	0.5368	222-140-119
6.00	88	18	3.60	0.6039	222-150-119
6.40	84	16	3.84	0.6039	222-160-119
7.00	74	13	4.20	0.6710	222-175-119
8.00	59	10	4.80	0.8052	222-200-119
9.00	46	8	6.32	0.9394	222-225-119
10.00	40	6	7.00	1.0736	222-250-119
11.00	32	5	7.72	1.2749	222-275-119
12.00	28	4	8.40	1.4091	222-300-119
13.00	24	4	9.12	1.4762	222-325-119
14.00	23	3	9.80	1.6775	222-350-119
15.00	20	3	10.52	1.9459	222-375-119
16.00	19	3	11.20	2.0801	222-400-119
18.00	18	2	14.340	2.4156	222-450-119
20.00	17	2	16.00	2.7511	222-500-119
22.00	17	1	17.60	3.0866	222-550-119
24.00	16	1	19.20	3.4221	222-600-119
28.00	12	1	22.40	4.0260	222-700-119
32.00	9	1	25.60	4.6299	222-800-119
36.00	6	1	28.80	5.2338	222-900-119

*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: red
- Standard lengths: 25'

Available on Request

- Special colors
- Special lengths
- Custom design with other pitches and helix sizes
- Special diameters metric

Installation and connection possibilities



Clip-Grip hose clamp



Hose connector



Hose reducer, symmetrical

Viton® is a registered trademark of DuPont Dow Elastomers.

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