

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



MASTER-CLIP TEFLON® MP

Material

hose wall: Laminated PTFE
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

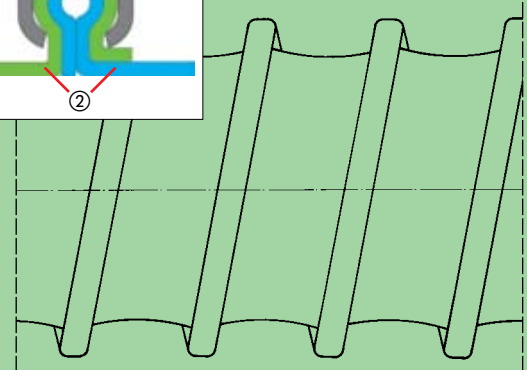
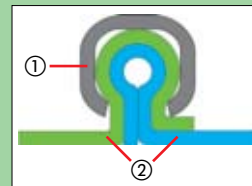
Properties

- excellent chemical resistance
- PTFE: harmless to health
- heat and cold resistant
- excellent weather resistance
- highly flexible
- extreme compressibility 1:6
- small bend radius
- 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
- excellent flex fatigue resistance
- good tear strength
- high temperature resistance

Teflon® is a registered trademark of DuPont Dow Elastomers.

Construction

- ① external helix
- ② hose wall: Laminated PTFE



Temperature Range

- -290°F up to +600°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® MP

Dia. (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Weight (lbs./ft.)	Product code
2.00	342	128	1.20	0.2952	263-050-012
2.50	237	76	1.56	0.3685	263-063-012
3.00	189	56	1.80	0.4429	263-075-012
3.50	143	40	2.16	0.4429	263-090-012
4.00	121	32	2.40	0.4429	263-100-012
4.50	104	26	2.64	0.4429	263-115-012
5.00	84	20	3.00	0.5166	263-125-012
5.50	70	16	3.36	0.5905	263-140-012
6.00	63	14	3.60	0.5905	263-150-012
6.40	56	12	3.84	0.6643	263-160-012
7.00	49	10	4.20	0.7381	263-175-012
8.00	40	8	4.80	0.8119	263-200-012
9.00	33	6	6.32	0.9595	263-225-012
10.00	28	5	7.00	1.0333	263-250-012
11.00	24	4	7.72	1.2547	263-275-012
12.00	21	4	8.40	1.4024	263-300-012

Delivery forms:

Standard production:

- Dia. 2" - 12"
- Color: natural
- Production lengths 25'

Available on request:

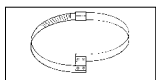
- special lengths
- external helix also in stainless steel
- special diameters - metric

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

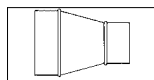
The above mentioned data refers to an average and ambient temperature of 68°F. Subject to technical changes and color variations. Please refer to technical data sheet when selecting hose.

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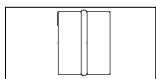
Installation and connection possibilities:



CLIP-GRIP special hose clamp for MASTER-CLIP hoses



hose reducer; symmetrical



hose connector