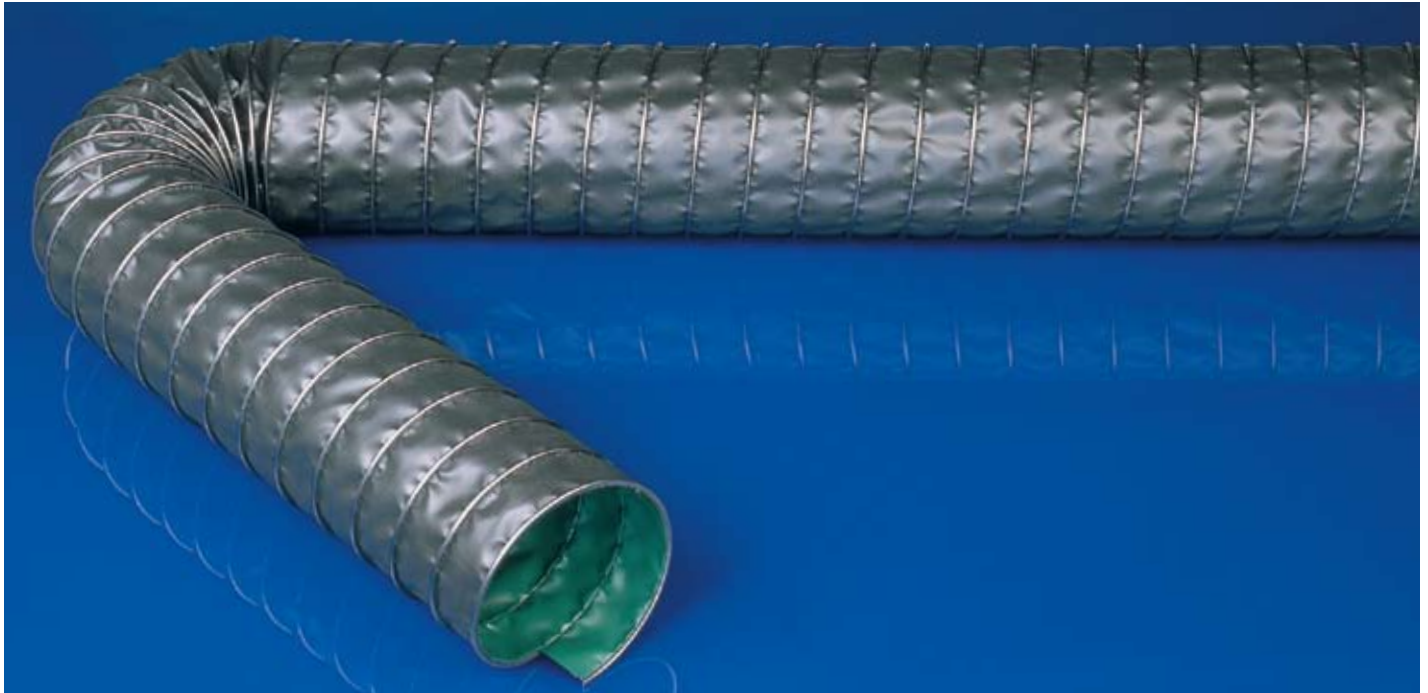


FUME AND CHEMICAL HOSE FOR TEMPERATURES UP TO +350°F



MASTER-CLIP HYPALON®

Material

hose wall: Hypalon®-coated polyester fabric
external helix: galvanized steel

Applications

- ducting of hot and cold air
- granule dryers
- air condition
- low pressure applications
- standard hose for industry
- vehicle construction
- engine construction
- exhaust equipment
- extraction of aggressive media
- suction plants

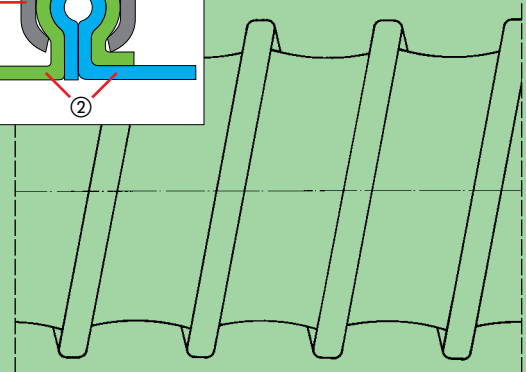
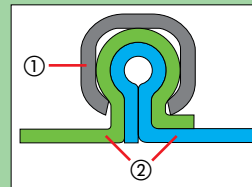
Properties

- improved temperature resistance
- flame resistant
- excellent chemical resistance
- UV- and ozone-resistant
- highly flexible
- extreme compressibility 1:6
- small bend radius
- vibration proof
- external steel helix protects against abrasion
- special clamping method guarantees high tensile strength between hose material and external helix

Hypalon® is a registered trademark of DuPont Dow Elastomers.

Construction

- ① external helix
- ② hose wall: Hypalon®-coated polyester fabric



Temperature Range

- -40°F up to +350°F
- intermittent to +375°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 HYPALON®

Dia. (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Weight (lbs./ft.)	Product code
2.00	362	160	1.20	0.2684	221-050-107
2.50	273	95	1.56	0.3355	221-063-107
3.00	249	71	1.80	0.4026	221-075-107
3.50	225	49	2.16	0.4026	221-090-107
4.00	205	40	2.40	0.4026	221-100-107
4.50	193	33	2.64	0.4697	221-115-107
5.00	133	26	3.00	0.5368	221-125-107
5.50	100	20	3.36	0.5368	221-140-107
6.00	88	18	3.60	0.6039	221-150-107
6.40	84	16	3.84	0.6039	221-160-107
7.00	74	13	4.20	0.6710	221-175-107
8.00	59	10	4.80	0.8052	221-200-107
9.00	46	8	6.32	0.9394	221-225-107
10.00	40	6	7.00	1.0736	221-250-107
11.00	32	5	7.72	1.2749	221-275-107
12.00	28	4	8.40	1.4091	221-300-107
13.00	24	4	9.12	1.4762	221-325-107
14.00	23	3	9.80	1.6775	221-350-107
15.00	20	3	10.52	1.9459	221-375-107
16.00	19	3	11.20	2.0801	221-400-107
18.00	18	2	14.40	2.4156	221-450-107
20.00	17	2	16.00	2.7511	221-500-107
22.00	17	1	17.60	3.0866	221-550-107
24.00	16	1	19.20	3.4221	221-600-107
28.00	12	1	22.40	4.0260	221-700-107
32.00	9	1	25.60	4.6299	221-800-107
36.00	6	1	28.80	5.2338	221-900-107

Delivery forms:

Standard production:

- Dia. 2" - 36"
- Color: outside black / inside green
- Production lengths 25'

Available on request:

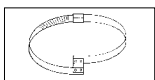
- special colors
- special lengths
- custom design with other pitches and helix sizes
- external helix also in stainless steel or aluminium
- special diameters - metric

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

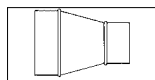
The above mentioned data refers to an average and ambient temperature of 68°F. Subject to technical changes and color variations. Please refer to technical data sheet when selecting hose.

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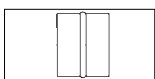
Installation and connection possibilities:



CLIP-GRIP special hose clamp for MASTER-CLIP hoses



hose reducer, symmetrical



hose connector