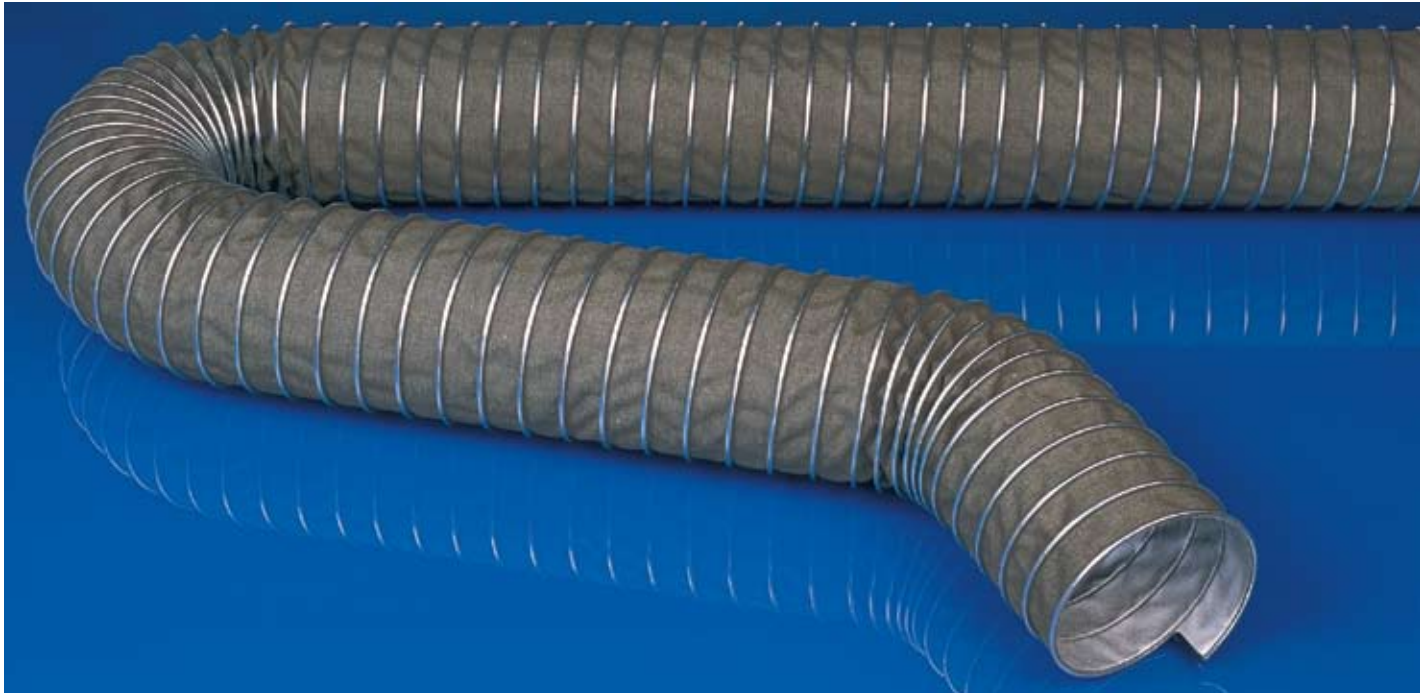


MEDIUM AND HIGH TEMPERATURE HOSE FOR TEMPERATURES UP TO +570°F



MASTER-CLIP CAR

Material

hose wall: special-coated high-temperature fabric

external helix: galvanized steel

Applications

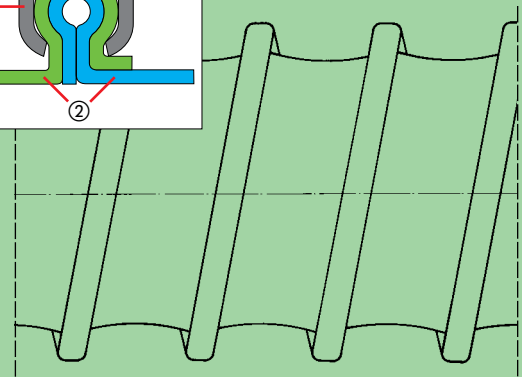
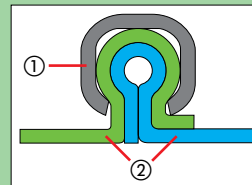
- suction plants
- vehicle and engine construction
- fume exhaustion (especially diesel engine fumes)
- aircraft industries
- defense industries
- general engineering
- hot air
- low pressure applications

Properties

- primarily suited as suction hose
- very good temperature resistance
- flame resistant: UL94, VO
- high resistance to mechanical loadings
- vibration resistant
- abrasion resistant
- highly flexible
- extremely compressibility 1:6
- small bend radius
- 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: special-coated high temperature fabric



Temperature Range

- -75°F up to +570°F
- intermittent to +660°F

Technical Data, custom designs and forms of delivery see back page



Masterduct
Member of the Masterflex-Group

MASTER-CLIP CAR

Dia. (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Weight (lbs./ft.)	Product code
2.00	362	128	1.20	0.3355	225-050-120
2.50	273	76	1.56	0.4697	225-063-120
3.00	249	56	1.80	0.5368	225-075-120
3.50	225	40	2.16	0.5368	225-090-120
4.00	205	32	2.40	0.6039	225-100-120
4.50	193	26	2.64	0.6039	225-115-120
5.00	133	20	3.00	0.6710	225-125-120
5.50	100	16	3.36	0.7381	225-140-120
6.00	88	14	3.60	0.8052	225-150-120
6.40	84	12	3.84	0.8052	225-160-120
7.00	74	10	4.20	0.9394	225-175-120
8.00	59	8	5.60	1.0736	225-200-120
9.00	46	6	6.32	1.2078	225-225-120
10.00	40	5	7.00	1.3420	225-250-120
11.00	32	4	7.72	1.4091	225-275-120
12.00	28	4	8.40	1.4762	225-300-120
13.00	24	3	9.12	1.5433	225-325-120
14.00	23	3	9.80	1.7446	225-350-120
15.00	20	2	12.00	1.9459	225-375-120
16.00	19	2	12.80	2.0801	225-400-120
18.00	18	2	14.40	2.4156	225-450-120
20.00	17	1	16.00	2.7511	225-500-120
22.00	17	1	17.60	3.0866	225-550-120
24.00	16	1	19.20	3.4221	225-600-120
28.00	12	1	22.40	4.0260	225-700-120
32.00	9	1	25.60	4.6299	225-800-120
36.00	6	1	28.80	5.2338	225-900-120

Delivery forms:

Standard production:

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

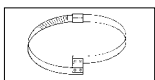
Available on request:

- special lengths
- custom design with other
itches and helix sizes
- external helix also in
stainless steel or aluminium
- double layer construction
with raised vacuum resistance
(up to 30 % more than single
layer standard hose types)
- special diameters - metric

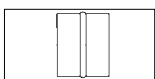
* Referring to the inner side of the elbow of hose.

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.

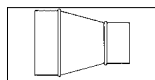
Installation and connection possibilities:



CLIP-GRIP special hose clamp
for MASTER-CLIP hoses



hose connector



hose reducer,
symmetrical