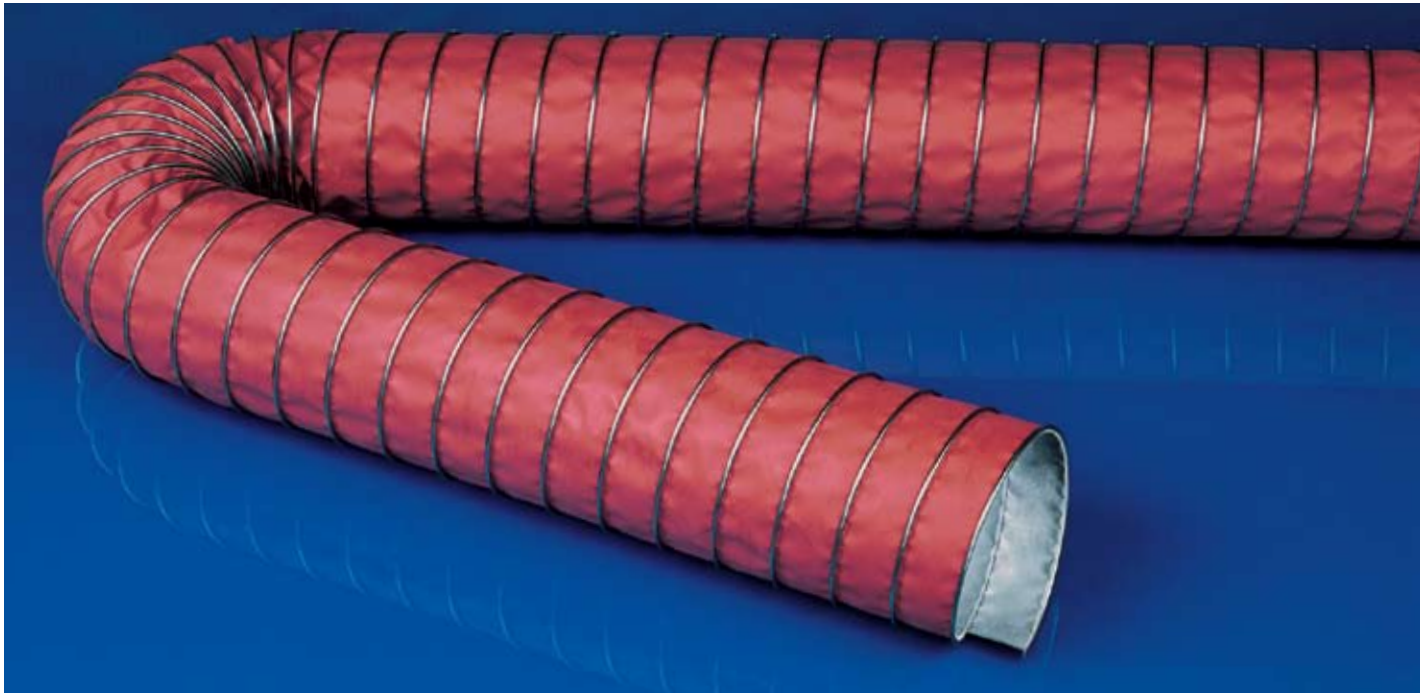


MEDIUM AND HIGH TEMPERATURE HOSE FOR TEMPERATURES UP TO +750°F



MASTER-CLIP HT 750

Material

hose wall double layer:

inner hose wall: heat resistant impregnated glass fabrics
outer hose wall: special coated high temperature fabric asbestos free, reinforced by woven in stainless steel wire

external helix: galvanized steel

Applications

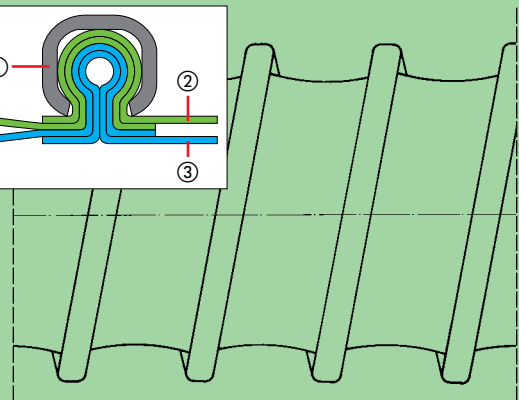
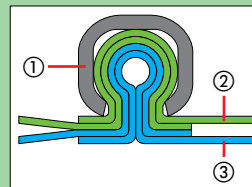
- hot air
- suction plants
- furnace construction
- iron and steel works
- engine construction
- radiant heat protection
- primary suitable as extraction hose
- low pressure applications

Properties

- very high temperature resistance
- silicone free
- highly flexible
- extreme compressibility 1:6
- small bend radius
- improved vacuum-resistance by woven in reinforcement
- external steel helix protects against abrasion
- suitable for continually flexing
- special clamping method guarantees high tensile strength between hose material and external helix
- flame resistant: UL94, VO

Construction

- ① external helix
- ② hose wall: special-coated high temperature fabric
- ③ outside: special-coated high temperature fabric



Temperature Range

- -5°F up to +750°F
- intermittent to +840°F

small amounts of smoke maybe given off when used under positive pressure or with low extraction rates.

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



Masterduct
Member of the Masterflex-Group

MASTER-CLIP HT 750

Dia. (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Weight (lbs./ft.)	Product code
2.00	342	141	1.20	0.50	227-050-119
2.50	237	84	1.56	0.57	227-063-119
3.00	189	62	1.80	0.65	227-075-119
3.50	143	44	2.16	0.74	227-090-119
4.00	121	35	2.40	0.84	227-100-119
4.50	104	29	2.64	0.95	227-115-119
5.00	84	22	3.00	1.05	227-125-119
5.50	70	18	3.36	1.10	227-140-119
6.00	63	16	3.60	1.15	227-150-119
6.40	56	14	3.84	1.21	227-160-119
7.00	49	12	4.20	1.27	227-175-119
8.00	40	9	4.80	1.53	227-200-119
9.00	33	7	6.32	1.73	227-225-119
10.00	28	6	7.00	1.92	227-250-119
11.00	24	5	7.72	INQ	227-275-119
12.00	21	4	8.40	2.31	227-300-119
13.00	18	3	9.12	INQ	227-325-119
14.00	16	3	9.80	2.77	227-350-119
15.00	14	3	10.52	INQ	227-375-119
16.00	13	2	11.20	3.33	227-400-119
18.00	11	2	14.40	4.00	227-450-119
20.00	9	1	16.00	4.80	227-500-119
22.00	8	1	17.60	INQ	227-550-119
24.00	7	1	19.20	5.76	227-600-119
28.00	6	1	22.40	6.91	227-700-119
32.00	4	1	25.60	8.30	227-800-119
36.00	4	1	28.80	9.95	227-900-119

Delivery forms:

Standard production:

- Dia. 2" - 36"
- Color: inside silver
outside red
- Production lengths 25'

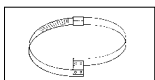
Available on request:

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

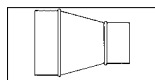
* Referring to the inner side of the elbow of hose.

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.

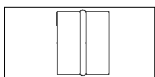
Installation and connection possibilities:



CLIP-GRIP special hose clamp
for MASTER-CLIP hoses



hose reducer,
symmetrical



hose connector