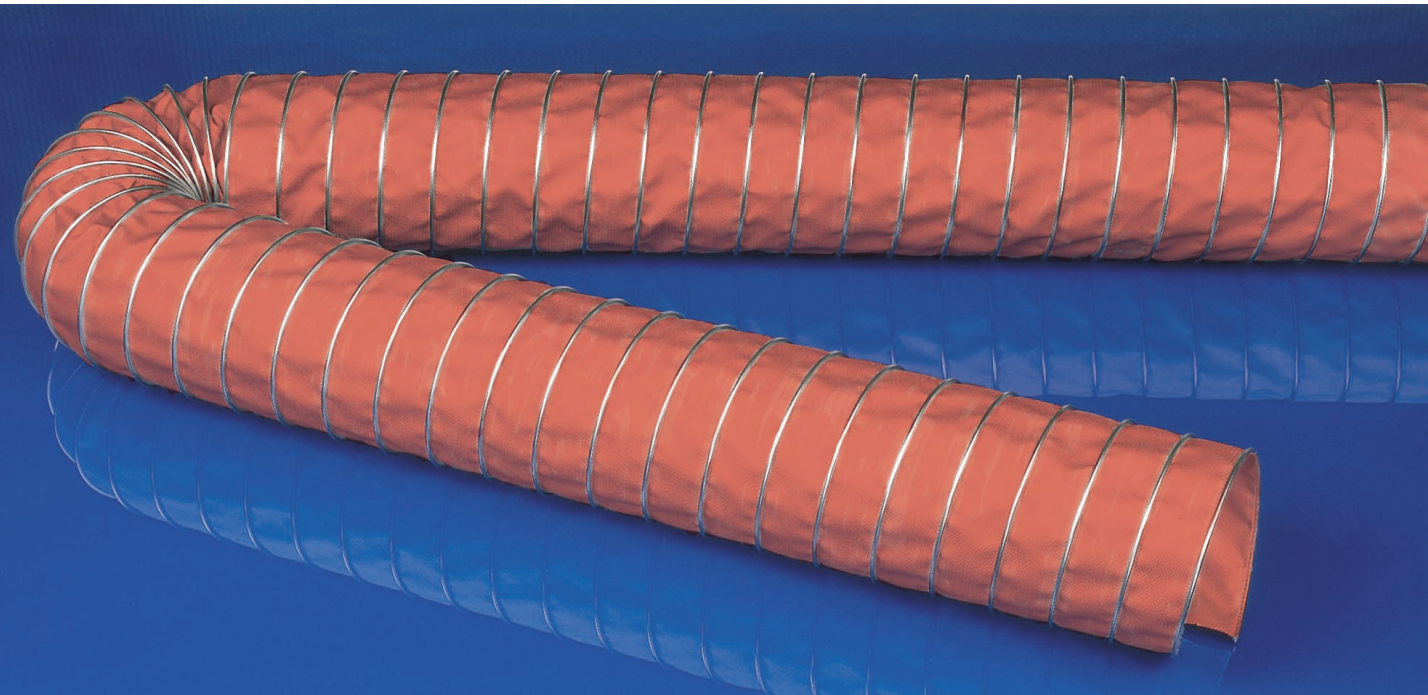


MEDIUM AND HIGH TEMPERATURE HOSE FOR TEMPERATURES UP TO +750°F



5.1.9

MASTER-CLIP HT 750

Material

hose wall: special-coated high temperature fabric, asbestos free, reinforced by woven in stainless steel wire

external helix: galvanized steel

Applications

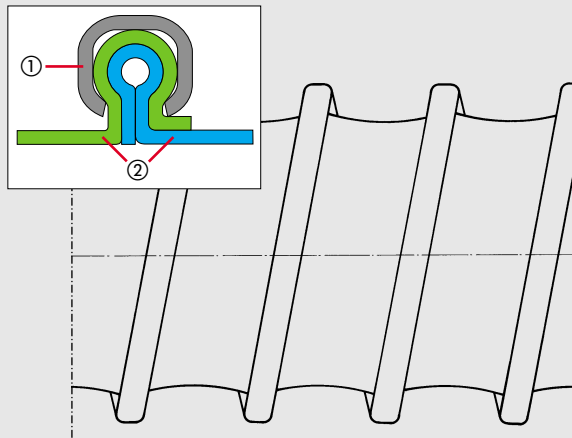
- hot air
- suction plants
- furnace construction
- iron and steel works
- engine construction
- radiant heat protection
- primary suitable as extraction hose
- low pressure applications

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

Construction

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



Temperature Range

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

small amounts of smoke may be given off when used under positive pressure or with low extraction rates. For a gas-tight seal we recommend our hose types MASTER-CLIP KAPTON, MASTER-CLIP HT 930 or HT-PRESSURE HOSES (see Reg. 5 and 6)

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



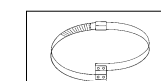
MASTER-CLIP HT 750

Dia. (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Weight (lbs./ft.)	Product code
1.52	366	163	0.92	0.3355	227-038-119
1.60	362	158	0.96	0.3355	227-040-119
1.80	350	150	1.08	0.3355	227-045-119
2.00	342	141	1.20	0.3355	227-050-119
2.20	313	117	1.32	0.4026	227-055-119
2.40	273	98	1.44	0.4026	227-060-119
2.60	237	84	1.56	0.4697	227-065-119
2.80	213	70	1.68	0.4697	227-070-119
3.00	189	62	1.80	0.5368	227-075-119
3.20	173	55	1.92	0.5368	227-080-119
3.60	143	44	2.16	0.5368	227-090-119
4.00	121	35	2.40	0.5368	227-100-119
4.40	104	29	2.64	0.6039	227-110-119
4.80	90	25	2.88	0.6039	227-120-119
5.00	84	22	3.00	0.6710	227-125-119
5.20	79	21	3.12	0.6710	227-130-119
5.60	70	18	3.36	0.6710	227-140-119
6.00	63	16	3.60	0.7381	227-150-119
6.40	56	14	3.84	0.7381	227-160-119
6.80	51	12	4.08	0.7381	227-170-119
7.00	49	12	4.20	0.8723	227-175-119
7.20	47	11	4.32	0.8723	227-180-119
8.00	40	9	4.80	1.0065	227-200-119
8.60	35	8	6.04	1.0736	227-215-119
9.00	33	7	6.32	1.2078	227-225-119
10.00	28	6	7.00	1.3420	227-250-119
11.00	24	5	7.72	1.6104	227-275-119
12.00	21	4	8.40	1.7446	227-300-119
12.60	19	4	8.84	1.7446	227-315-119
13.00	18	3	9.12	1.8788	227-325-119
14.00	16	3	9.80	2.0801	227-350-119
15.00	14	3	10.52	2.4156	227-375-119
16.00	13	2	11.20	2.6169	227-400-119
18.00	11	2	14.40	3.0195	227-450-119
20.00	9	1	16.00	3.4221	227-500-119
22.00	8	1	17.60	3.8918	227-550-119
24.00	7	1	19.20	4.2944	227-600-119
28.00	6	1	22.40	5.0325	227-700-119
32.00	4	1	25.60	5.7706	227-800-119
36.00	4	1	28.80	6.5758	227-900-119

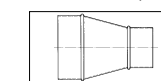
* Referring to the inner side of the elbow of hose.

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.

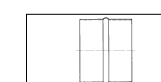
Installation and connection possibilities (see section no. 11 and 12):



CLIP-GRIP special hose clamp for MASTER-CLIP hoses



hose reducer, symmetrical



hose connector