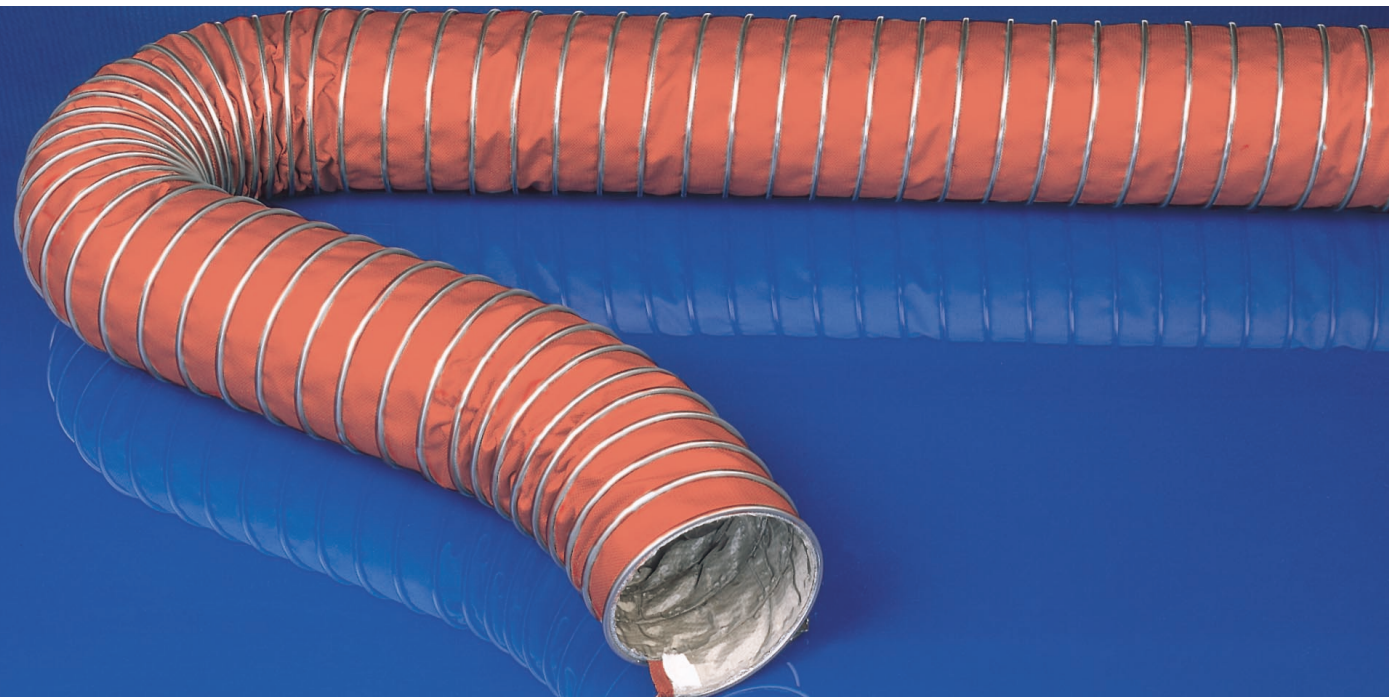


MEDIUM AND HIGH TEMPERATURE HOSE FOR TEMPERATURES UP TO +2010°F



5.1.12

MASTER-CLIP HT 2010

Material

hose wall: three-layer construction, asbestos-free high-temperature fabric, special coated with heat-stabilizers

external helix: heat-resistant chromium

Applications

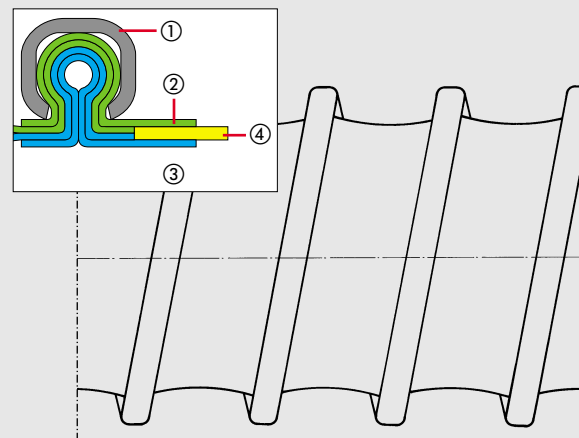
- extremely high temperatures
- exhaust-fume extraction from large engines
- extraction under stray sparks
- shipbuilding industries
- vehicle and engine construction
- suction plants
- aircraft and defense industries
- general engineering
- furnace construction
- iron and steel works
- exhaust-fume extraction from high performance test beds in the motor vehicle industries
- extraction of aircraft engine fumes
- radiant heat protection
- low pressure applications

Properties

- very high temperature resistance
- flame resistant
- silicone free
- flexible; compressibility 1:2
- 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
- hose wall:
- ② outside and ③ inside and
- ④ middle layer: special-coated high temperature fabric



Temperature Range

- -75°F up to +2010°F
- intermittent to +2370°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



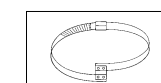
MASTER-CLIP HT 2010

Dia. (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Weight (lbs./ft.)	Product code
3.0	201	122	1.80	0.7381	230-075-111
3.2	181	111	1.92	0.8052	230-080-111
3.6	161	100	2.16	0.8052	230-090-111
4.0	141	81	2.40	0.8052	230-100-111
4.4	121	67	2.64	0.8723	230-110-111
4.8	113	57	2.88	0.8723	230-120-111
5.0	109	50	3.00	1.0065	230-125-111
5.2	105	48	3.12	1.0065	230-130-111
5.6	79	42	3.36	1.0065	230-140-111
6.0	69	37	3.60	1.1407	230-150-111
6.4	64	32	3.84	1.1407	230-160-111
6.8	64	28	4.08	1.1407	230-170-111
7.0	59	27	4.20	1.3420	230-175-111
7.2	53	25	5.04	1.3420	230-180-111
8.0	49	20	5.60	1.4762	230-200-111
8.6	47	18	6.04	1.6104	230-215-111
9.0	42	17	6.32	1.8117	230-225-111
10.0	39	14	7.00	2.0130	230-250-111
11.0	37	11	7.72	2.3485	230-275-111
12.0	33	9	8.40	2.6169	230-300-111
12.6	28	9	8.84	2.6840	230-315-111
13.0	25	8	9.12	2.8182	230-325-111
14.0	20	7	9.80	3.0866	230-350-111
15.0	16	6	12.00	3.6234	230-375-111
16.0	16	6	12.80	3.8918	230-400-111
18.0	12	4	14.40	4.4957	230-450-111
20.0	11	4	16.00	5.0996	230-500-111
22.0	10	3	17.60	5.7706	230-550-111
24.0	8	2	19.20	6.4416	230-600-111
28.0	6	2	22.40	7.4481	230-700-111
32.0	5	2	25.60	8.5888	230-800-111
36.0	4	1	28.80	9.7295	230-900-111

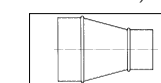
* Referring to the inner side of the elbow of hose.

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.

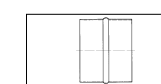
Installation and connection possibilities (see section no. 11 and 12):



CLIP-GRIP special hose clamp for MASTER-CLIP hoses



hose reducer, symmetrical



hose connector

Delivery forms:

Standard production:

- Dia. 2" - 36"
- Color outside red
- Production lengths 10', 25'

Available on request:

- special colors
- special lengths
- special diameters
- custom design with other pitches and helix sizes