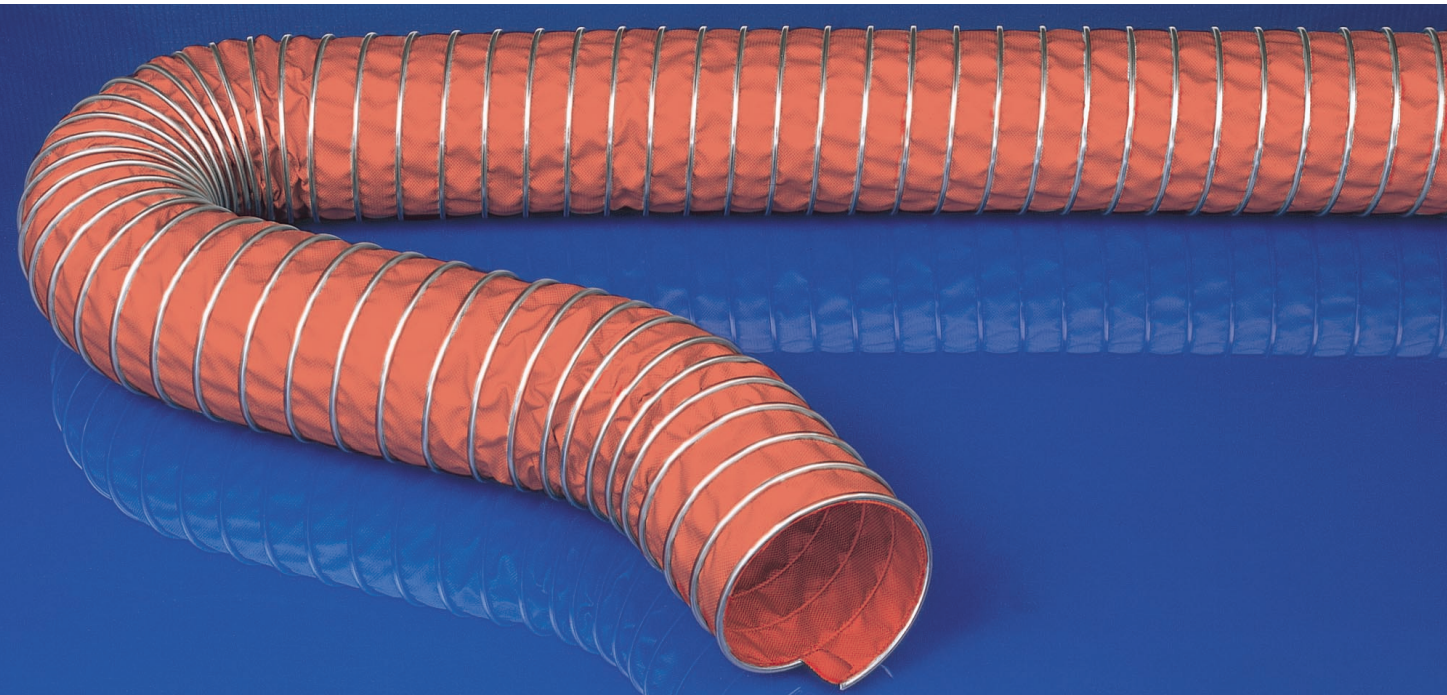


EXHAUST GAS HOSE FOR EXHAUST GAS TEMPERATURES UP TO +1200°F



6.8

MASTER-CLIP HT 1200

Material

hose wall: two-layer construction, inner and outer hose wall
asbestos free high-temperature fabric, specially coated with heat-stabilizers, reinforced by woven in stainless steel wire
external helix: galvanized steel

Applications

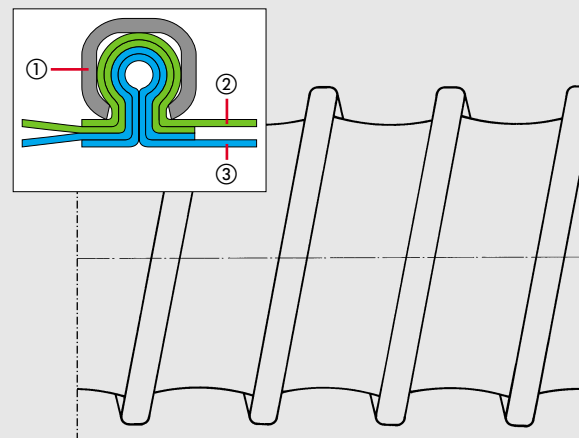
- exhaust-fume extraction from high performance test beds in the motor vehicle industries
- vehicle and engine construction
- suction plants
- shipbuilding industries
- aircraft and defense industries
- general engineering
- furnace construction
- iron and steel works
- infrared-dryer plants
- radiant heat protection
- low pressure applications

Properties

- very high temperature resistance
- flame resistant
- improved vibration resistance by woven-in reinforcement
- flexible, compressibility 1:3
- small bend radius
- good vacuum-resistance
- silicone free
- 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: special-coated high temperature fabric



Temperature Range

- -75°F up to +1200°F
- intermittent to +1380°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



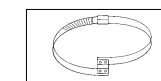
MASTER-CLIP HT 1200

Dia. (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Weight (lbs./ft.)	Product code
2.0	362	158	1.20	0.87230	229-050-111
2.2	328	140	1.32	0.87230	229-055-111
2.4	281	127	1.44	0.90585	229-060-111
2.6	251	120	1.56	0.97295	229-065-111
2.8	221	106	1.68	1.00650	229-070-111
3.0	201	102	1.80	1.10715	229-075-111
3.2	181	91	1.92	1.20780	229-080-111
3.6	161	84	2.16	1.20780	229-090-111
4.0	141	67	2.40	1.20780	229-100-111
4.4	121	56	2.64	1.27490	229-110-111
4.8	113	47	2.88	1.34200	229-120-111
5.0	109	42	3.00	1.40910	229-125-111
5.2	105	40	3.12	1.40910	229-130-111
5.6	79	35	3.36	1.40910	229-140-111
6.0	69	30	3.60	1.47620	229-150-111
6.4	64	27	3.84	1.61040	229-160-111
6.8	64	24	4.08	1.67750	229-170-111
7.0	59	22	4.20	1.87880	229-175-111
7.2	53	21	5.04	1.87880	229-180-111
8.0	49	17	5.60	2.01300	229-200-111
8.6	47	15	6.04	2.14720	229-215-111
9.0	42	14	6.32	2.28140	229-225-111
10.0	39	12	7.00	2.38205	229-250-111
11.0	37	9	7.72	2.82491	229-275-111
12.0	33	8	8.40	3.08660	229-300-111
12.6	28	7	8.84	2.95240	229-315-111
13.0	25	7	9.12	3.15370	229-325-111
14.0	20	6	9.80	3.35500	229-350-111
15.0	16	5	12.00	3.69050	229-375-111
16.0	16	4	12.80	3.95890	229-400-111
18.0	12	4	14.40	4.49570	229-450-111
20.0	11	3	16.00	4.96540	229-500-111
22.0	10	2	17.60	5.50220	229-550-111
24.0	8	2	19.20	6.03900	229-600-111
28.0	6	2	22.40	6.77710	229-700-111
32.0	5	1	25.60	7.78360	229-800-111
36.0	4	1	28.80	8.85720	229-900-111

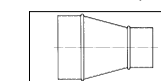
* Referring to the inner side of the elbow of hose.

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.

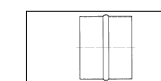
Installation and connection possibilities (see section no. 11 and 12):



CLIP-GRIP special hose clamp for MASTER-CLIP hoses



hose reducer, symmetrical



hose connector