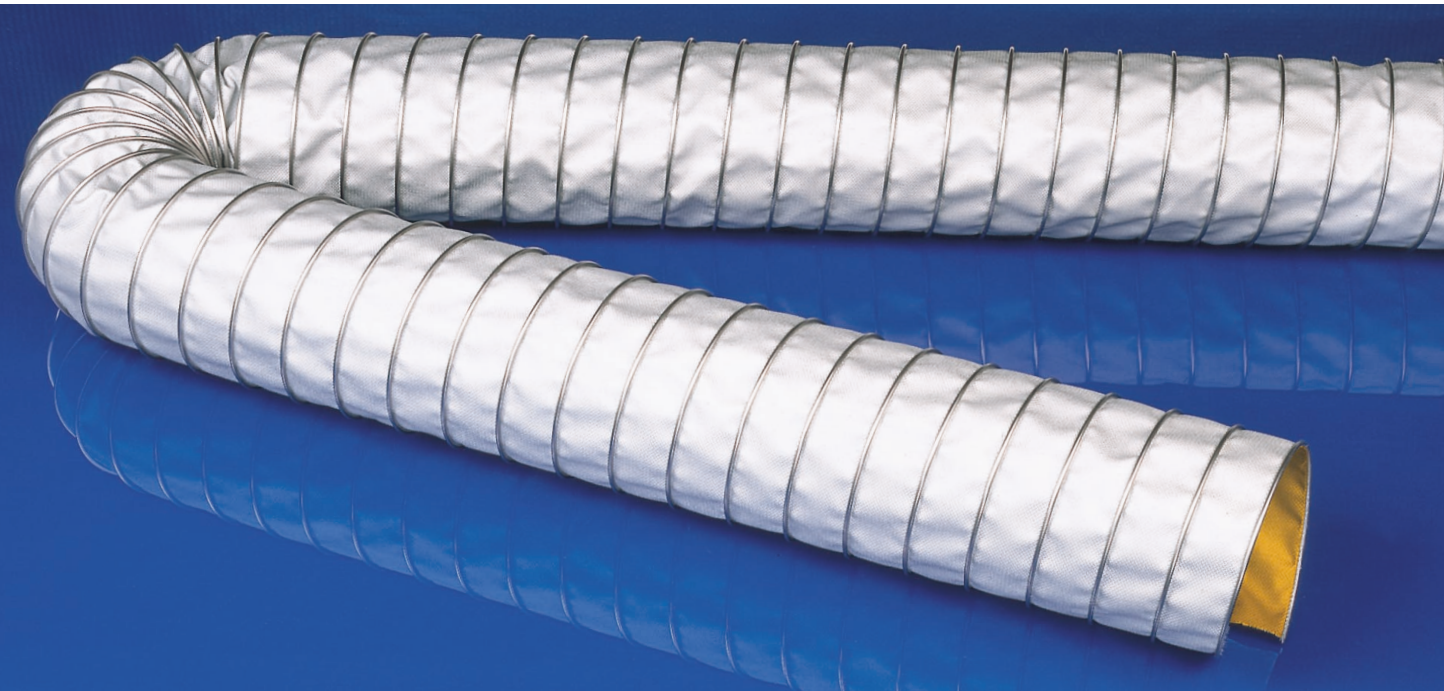


SUCTION AND VENTILATING HOSE FOR CORROSIVE MEDIA UP TO +480°F



7.9

MASTER-CLIP KAPTON

Material

hose wall: one-side KAPTON-laminated glass fabric
external helix: galvanized steel

Applications

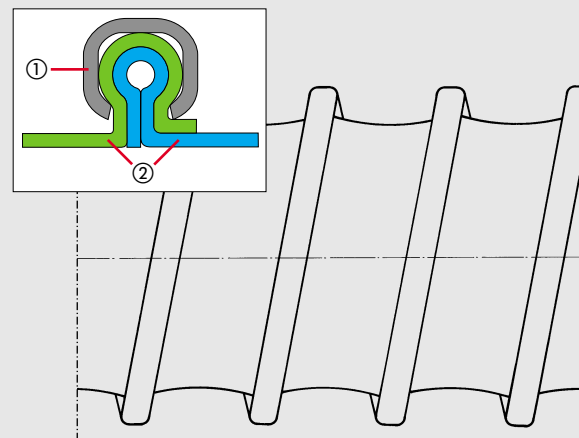
- fume exhaustion in pressure applications
- vehicle and engine construction
- exhaust-fume extraction from high performance test beds in the motor vehicle industries

Properties

- gas-tight in low and high pressure applications
- good vacuum resistance
- very high temperature resistance
- flame resistant, non melting KAPTON-coating
- external steel helix protects against abrasion
- extremely flexible
- compressibility 1:4
- small bend radius
- excellent resistance to chemicals (similar resistance as MASTER-CLIP TEFLON hoses but in a much wider temperature range)
- special clamping method guarantees high tensile strength between hose material and external helix

Construction

- ① external helix
- ② hose wall: one side KAPTON-laminated glass fabric



Temperature Range

- -435°F up to +750°F

Chem. Resistance

see resistance table section no. 15

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



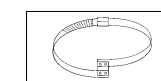
MASTER-CLIP KAPTON

Dia. (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Weight (lbs./ft.)	Product code
2.0	362	150	1.20	0.5368	253-050-110
2.2	328	133	1.32	0.5368	253-055-110
2.4	281	121	1.44	0.5368	253-060-110
2.6	251	114	1.56	0.6039	253-065-110
2.8	221	100	1.68	0.6039	253-070-110
3.0	201	97	1.80	0.6039	253-075-110
3.2	181	87	1.92	0.6710	253-080-110
3.6	161	79	2.16	0.6710	253-090-110
4.0	141	64	2.40	0.6710	253-100-110
4.4	121	53	2.64	0.7381	253-110-110
4.8	113	45	2.88	0.7381	253-120-110
5.0	109	40	3.00	0.8723	253-125-110
5.2	105	38	3.12	0.8723	253-130-110
5.6	79	34	3.36	0.8723	253-140-110
6.0	69	29	3.60	0.9394	253-150-110
6.4	64	26	3.84	0.9394	253-160-110
6.8	64	22	4.08	0.9394	253-170-110
7.0	59	21	4.20	1.0736	253-175-110
7.2	53	20	5.04	1.0736	253-180-110
8.0	49	16	5.60	1.2078	253-200-110
8.6	47	15	6.04	1.3420	253-215-110
9.0	42	13	6.32	1.4762	253-225-110
10.0	39	11	7.00	1.6775	253-250-110
11.0	37	9	7.72	1.9459	253-275-110
12.0	33	7	8.40	2.1472	253-300-110
12.6	28	7	8.84	2.2143	253-315-110
13.0	25	7	9.12	2.3485	253-325-110
14.0	20	6	9.80	2.6169	253-350-110
15.0	16	5	12.00	2.9524	253-375-110
16.0	16	4	12.80	3.2879	253-400-110
18.0	12	3	14.40	3.8247	253-450-110
20.0	11	3	16.00	4.3615	253-500-110
22.0	10	2	17.60	4.8983	253-550-110
24.0	8	2	19.20	5.5022	253-600-110
28.0	6	2	22.40	6.4416	253-700-110
32.0	5	1	25.60	7.3810	253-800-110
36.0	4	1	28.80	8.3875	253-900-110

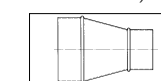
* Referring to the inner side of the elbow of hose.

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.

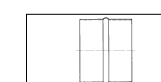
Installation and connection possibilities (see section no. 11 and 12):



CLIP-GRIP special hose clamp for MASTER-CLIP hoses



hose reducer, symmetrical



hose connector

Delivery forms:

Standard production:

- Dia. 2" - 36"
- Color: outside white inside yellow-gold
- Standard lengths 10', 25'

Available on request:

- special diameters
- special lengths
- two-layer-construction with raised vacuum resistance (up to 30 % more than the single-layer standard hose type)
- custom design with other pitches and helix sizes
- external helix also in stainless steel