

VENAIR

FLEXIBLE SOLUTIONS

VENA[®] HT/HTD

FLEXIBLE HOSES FOR HIGH TEMPERATURE

CHARACTERISTICS

HT/HTD

Color: Tile red
 Temperature scale: from -55° C (-67° F) to + 260° C (+500° F).
 For short periods of time, up to +300° C (+572° F).
 Structure: Fiber glass with SILICONE coated.

HT type:

Made of one layer of fiber glass with SILICONE coated and steel wire spiral visible inside the tube.

HTD type:

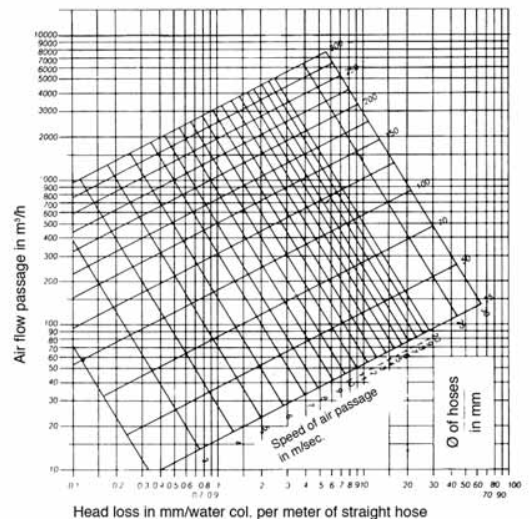
Two layers of fiber glass with wire spiral in between the layers.

APPLICATIONS AND DIAGRAMS FOR PRESSURE LOSS FOR HT-HTD HOSES

- Hot air extraction in ceramic kilns.
- Airplane or helicopter cockpit heating.
- Ventilation and air-conditioning in boats.
- Fume extraction from a point immediately close to the ejection area.
- Air conduction in areas with high outside temperatures.
- Protection of electric cables passing through extremely hot areas.
- Sheathing of pipework transporting hot air.

DIFFERENT Ø OF MANUFACTURE IN mm (inch):

13 (1/2")-19 (3/4")-25 (1")-32 (1 1/4")-35 (1 3/8")-38 (1 1/2")-40 (1 9/16")-44 (1 3/4")-50 (2")-57 (2 1/4")-60 (2 3/8")-63,5 (2 1/2")-65 (2 5/8")-70 (2 3/4")-75-76,2 (3")-80 (3 1/8")-82,5-90 (3 1/2")-95,25 (3 3/4")-100-101,6 (4")-110 (4 1/3")-114,3 (4 1/2")-120 (4 3/4")-127 (5")-130 (5 1/8")-140 (5 1/2")-150-152,4 (6")-160-180-200-203 (8")-220 (8 3/4")-250 (10")-300 (12")



HTD					
Inner diameter	Working Pressure	Vacuum Resistance	Bending Radius	Weight	
(inch)	(mm)	(Kp x cm ²)	(mm H ₂ O)	(mm)	(Kg/m)
1	25	2,0	7.000	13	0,192
2	50	1,7	5.300	25	0,37
2 3/4	70	1,4	4.500	36	0,55
4	100	1,0	3.500	51	0,78
6	150	0,9	1.700	76	1,21
8	200	0,6	1.000	102	1,66
10	250	0,4	700	127	2,10
12	300	0,1	500	152	2,55

HT					
Inner diameter	Working Pressure	Vacuum Resistance	Bending Radius	Weight	
(Inch)	(mm)	(Kp x cm ²)	(mm H ₂ O)	(mm)	(Kg/m)
1	25	1,7	5.200	9	0,16
2	50	1,2	4.400	17	0,32
2 3/4	70	1,1	3.400	27	0,46
4	100	0,9	2.600	34	0,56
6	150	0,8	1.400	51	0,99
8	200	0,5	700	68	1,32
10	250	0,4	500	85	1,66
12	300	0,1	300	102	2,00

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