

## VENA® MT/MTD

### FLEXIBLE HOSES FOR MEDIUM TEMPERATURE

#### CHARACTERISTICS

##### MT/MTD

Color: Black  
 Temperature scale: from -55° C (-67° F) to + 125° C (+257° F).  
 For short spaces of time, up to +150° C (+302° F).  
 Structure: Fiber glass with NEOPRENE coated.  
 Fire resistance: M1 classification (UNE.23.727-90).

##### VENA MT:

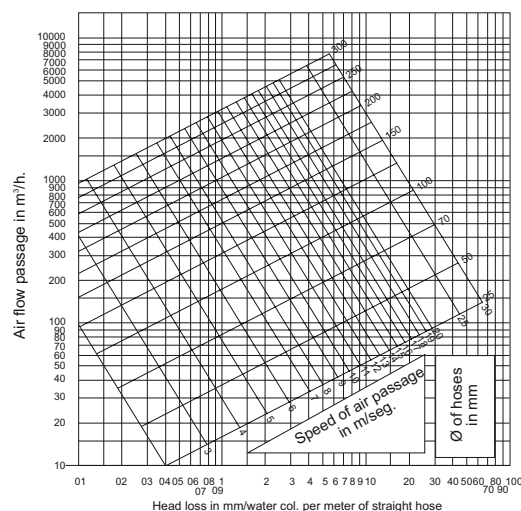
One layer of fiber glass with NEOPRENE coated and steel wire spiral visible inside the hose.

##### VENA MTD:

Two layers of the above fabric with steel spiral in between the layers.

##### MT/MTD ECO (M1-F1)

On demand, it is possible a special F1 (NF F16-101) fumes classification version.



#### APPLICATIONS AND DIAGRAMS FOR PRESSURE LOSS FOR MT-MTD HOSES

- Cooling of electronic units.
- Hot air conduction in printing machinery.
- Hot air conduction in plastic bag production machinery.
- Engine exhaust fumes extraction.
- Welding gas suction.

Vena® MT Technical Specifications

Inner Ø (mm)	Thickness (mm) +0,04-0,02	Outer Ø (mm)	Working Pressure (bar)	Weight (g/m) ±5%	Vacuum Resistance (bar)	Bending Radius (mm)
25		25,6	1,76	104	0,54	34
32		32,6	1,66	148	0,50	44
38		38,6	1,58	185	0,47	52
45		45,6	1,49	228	0,43	61
51		51,6	1,42	265	0,41	69
57		57,6	1,35	302	0,38	77
60		60,6	1,31	321	0,37	81
63		63,6	1,28	339	0,36	85
70		70,6	1,21	383	0,33	95
76	0,3	76,6	1,15	420	0,31	103
80		80,6	1,11	444	0,30	108
90		90,6	1,02	506	0,27	121
102		102,6	0,92	581	0,24	137
150		150,6	0,62	877	0,14	201
152,4		153	0,60	892	0,14	205
180		180,6	0,48	1063	0,10	242
200		200,6	0,40	1187	0,08	268
250		250,6	0,27	1496	0,05	335
300		300,6	0,17	1805	0,03	402

Vena® MTD Technical Specifications

Inner Ø (mm)	Thickness (mm) +0,04-0,02	Outer Ø (mm)	Working Pressure (bar)	Weight (g/m) ±5%	Vacuum Resistance (bar)	Bending Radius (mm)
25		26,2	2,27	233	0,66	38
32		33,2	2,12	279	0,62	48
38		39,2	2,01	319	0,58	57
45		46,2	1,88	365	0,54	68
51		52,2	1,78	405	0,51	77
57		58,2	1,68	445	0,48	86
60		61,2	1,64	464	0,47	91
63		64,2	1,59	484	0,45	95
70		71,2	1,49	530	0,42	106
76		77,2	1,41	570	0,40	115
80	0,6	81,2	1,36	597	0,38	121
90		91,2	1,24	663	0,35	136
102		103,2	1,11	742	0,31	154
150		151,2	0,71	1059	0,19	226
152,4		153,6	0,69	1075	0,19	230
180		181,2	0,54	1257	0,14	271
200		201,2	0,45	1389	0,12	302
250		251,2	0,28	1720	0,07	377
300		301,2	0,18	2050	0,04	452

##### 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")



ISO 9001



ISO 14001

