

SILICONE HOSES WITH POLYESTER REINFORCEMENTS FOR HEATING AND COOLING SYSTEMS

VENA® SIL 200/240

STRAIGHT HOSE SAE J20 R1 Class A

Material

Silicone VMQ* (Vinyl Methyl Quality)

Textile reinforcement

SIL 200: 3 ply of polyester fabric

SIL 240: 4 ply of polyester fabric

Temperature range

-60°C to +180°C (-76°F to +356°F)

Standard wall thickness

SIL 200: 4,2mm (+1/-0,5mm) | 0,17" (+0,04/-0,02")

SIL 240: 5,2mm (+1/-0,5mm) | 0,20" (+0,04/-0,02")

Length

From 1 to 4m (3,8 to 13,12ft). Can be cut to smaller lengths upon customer request.

Smooth outer and inner appearance. Suitable for use in straight lengths, with no bending requirements. It can also be supplied with another type of textile reinforcement (Aramide, fiberglass)



Inner diameter **		Working pressure *** ISO 1402:2009				Bursting pressure *** ISO 1402:2009			
mm	inch	bar (Sil200)	bar (Sil240)	psi (Sil200)	psi (Sil240)	bar (Sil200)	bar (Sil240)	psi (Sil200)	psi (Sil240)
6	1/4	16,1	21,3	234	309	48,5	64,0	703	928
13	1/2	9,7	12,0	141	174	29,1	36,0	422	522
19	3/4	7,2	9,3	104	135	21,8	28,0	316	406
25	1	5,9	7,6	86	110	17,7	23,0	257	334
32	1 1/4	4,9	6,3	71	91	14,7	19,0	213	276
38	1 1/2	4,3	5,6	62	81	12,9	17,0	187	247
45	1 3/4	3,7	5,0	54	73	11,3	15,0	164	218
51	2	3,4	4,6	49	67	10,3	14,0	149	203
57	2 1/4	3,1	4,3	45	62	9,4	13,0	136	189
63	2 1/2	2,9	4,0	42	58	8,8	12,0	128	174
70	2 3/4	2,7	3,6	39	52	8,1	11,0	117	160
76	3	2,5	3,3	36	48	7,5	10,0	109	145
80	3 1/8	2,3	3,3	33	48	6,9	10,0	100	145
90	3 1/2	1,9	3,0	28	44	5,7	9,0	83	131
100	4	1,6	2,6	23	38	5,0	8,0	73	116

* Other constructions available for higher pressure and temperature applications.

** Other diameters can also be manufactured. Please consult.

*** Pressure data is noted at ambient temperature. Pressure values should be reduced by 20% for each increase of 100°C (212°F)

LONG LIFE SILICONE HOSES

Venair Long Life formulation and construction is the most technically advanced solution to extreme operating conditions and resistance to the modern aggressive coolants in the market.

Venair silicone hose products are used by the largest Transportation Authorities and Fleet Companies worldwide to reduce warranty and maintenance down time.

