

STRAIGHT HOSE

VENA SIL 200 / VENA SIL 240

STRAIGHT SILICONE HOSE WITH POLYESTER REINFORCEMENT FOR HEATING AND COOLING EQUIPMENT



Material: Silicone VMQ (Vinyl Methyl Quality).
Textile reinforcement: SIL 200: 3 ply polyester net.
 SIL 240: 4 ply polyester net.
Temperature range: -60° to +180°C.
Standard wall thickness: SIL 200: 4,2mm (+1/-0.5mm).
 SIL 240: 5,2mm (+1/-0.5mm).

Length: From 1 to 4m. Can be cut to smaller lengths upon the request of the customer.
 Plain outer and inner appearance. Suitable for use in straight lengths, with no bending requirements. Can also be supplied with another type of textile reinforcement (NOMEX®⁽¹⁾, Glass fibre,...).

(1) NOMEX is a registered trademark from DuPont.

Diameter (mm)	Working Pressure (bar)		Bursting Pressure (bar)		Diameter (mm)	Working Pressure (bar)		Bursting Pressure (bar)	
	SIL 200	SIL 240	SIL 200	SIL 240		SIL 200	SIL 240	SIL 200	SIL 240
6	16,17	21,33	48,5	64	48	3,60	4,67	10,8	14
8	14,03	17,33	42,1	52	50	3,47	4,67	10,4	14
10	11,50	14,67	34,5	44	51	3,43	4,67	10,3	14
13	9,70	12,00	29,1	36	53	3,33	4,33	10	13
16	8,27	10,33	24,8	31	55	3,23	4,33	9,7	13
18	7,50	9,67	22,5	29	57	3,13	4,33	9,4	13
19	7,27	9,33	21,8	28	60	3,03	4,00	9,1	12
22	6,17	8,33	18,5	25	62	2,97	4,00	8,9	12
25	5,90	7,67	17,7	23	63	2,93	4,00	8,8	12
28	5,40	7,00	16,2	21	65	2,83	3,67	8,5	11
30	5,13	6,67	15,4	20	70	2,70	3,67	8,1	11
32	4,90	6,33	14,7	19	76	2,50	3,33	7,5	10
35	4,57	6,00	13,7	18	80	2,30	3,33	6,9	10
38	4,30	5,67	12,9	17	83	2,17	3,33	6,5	10
40	4,13	5,33	12,4	16	90	1,90	3,00	5,7	9
44	3,83	5,00	11,5	15	100	1,67	2,67	5	8
45	3,77	5,00	11,3	15					

STRAIGHT REDUCER

Material: Silicone VMQ (Vinyl Methyl Quality).
Textile reinforcement: 3 ply polyester net.
Temperature range: -60° to +180°C.
Standard wall thickness: 4,2mm (+1/-0.5mm).
Length (mm): 100 / 150.
 Plain outer and inner appearance.



Diameter (mm)	Length (mm)	Diameter (mm)	Length (mm)	Diameter (mm)	Length (mm)	Diameter (mm)	Length (mm)
18 / 13	↑ 100 ↓	36 / 26	↑ 100 ↓	45 / 38	↑ 100 ↓	70 / 60	↑ 100 ↓
19 / 16		36 / 32		51 / 38		76 / 51	
22 / 18		38 / 22		51 / 45		76 / 63	
22 / 19		38 / 25		54 / 51		76 / 67	
28 / 22		38 / 28		60 / 50		80 / 70	
28 / 26		38 / 32		63 / 51		90 / 80	
32 / 26		38 / 36		67 / 51		102 / 76	
32 / 28		40 / 35		70 / 50		127 / 100	
35 / 28		45 / 32		70 / 57			

ELBOW 90° / 45° / 135°

Material: Silicone VMQ (Vinyl Methyl Quality).
Textile reinforcement: 3 ply polyester net.
Temperature range: -60° to +180°C.
Standard wall thickness: 4,2mm (+1/-0.5mm).
Length of legs (mm): 100x100 / 150x150 / 200x200.
 Plain outer and inner appearance.



Diameter (mm)	Length (mm)	Diameter (mm)	Length (mm)	Diameter (mm)	Length (mm)
6	↑ 100x100 150x150 200x200 ↓	35	↑ 100x100 150x150 200x200 ↓	60	↑ 100x100 150x150 200x200 ↓
8		38			
10		40			
13		44			
16		45			
19		48			
22		50			
25		51			
28		53			
30		55			
32	57				



REDUCER ELBOW 90°

Material: Silicone VMQ (Vinyl Methyl Quality).
Textile reinforcement: 3 ply polyester net.
Temperature range: -60° to +180°C.
Standard wall thickness: 4,2mm (+1/-0.5mm).
Length of legs (mm): 100x100 / 150x150.
 Plain outer and inner appearance.



Diameter (mm)	Length (mm)	Diameter (mm)	Length (mm)
25 / 19	↑ 100x100 150x150 ↓	60 / 50	↑ 100x100 150x150 ↓
32 / 25		63 / 51	
38 / 25		70 / 50	
38 / 32		70 / 60	
38 / 35		76 / 51	
51 / 45		76 / 63	

VENA SIL 700 V

HIGHLY FLEXIBLE SILICONE HOSE WITH POLYESTER REINFORCEMENT FOR HEATING AND COOLING EQUIPMENT

Material: Silicone VMQ (Vinyl Methyl Quality).
Structure: Spiral steel wire between 3 sheets of polyester fabric covered in blue silicone.
Temperature range: -60° to +180°C.
Length: From 1 to 4 m. Can be cut to smaller lengths upon request.
Main characteristic: High flexibility due to the wire spiral. Plain outer and inner appearance. Suitable for use where you require a small bending radius.



Diameter (mm)	Working Pressure (Bar)	Bursting Pressure (Bar)	Bending Radius (mm)	Diameter (mm)	Working Pressure (Bar)	Bursting Pressure (Bar)	Bending Radius (mm)
10	12,45	37	69	45	5,86	18	191
13	11,30	34	75	48	5,58	17	208
16	10,39	31	82	51	5,32	16	227
18	9,87	30	87	55	4,98	15	255
19	9,64	29	90	60	4,60	14	294
22	8,99	27	98	63	4,39	13	321
25	8,44	25	107	70	3,93	12	394
28	7,94	24	116	76	3,57	11	468
30	7,64	23	123	80	3,34	10	526
35	6,96	21	143	85	3,08	9	608
38	6,60	20	156	90	2,83	8	703
40	6,38	19	165	100	2,37	7	939

VENA SIL 800

HIGHLY FLEXIBLE SILICONE HOSE WITH POLYESTER REINFORCEMENT FOR HEATING AND COOLING EQUIPMENT

Material: Silicone VMQ (Vinyl Methyl Quality).
Structure: Spiral Steel wire between 3 sheets of polyester fabric covered in blue silicone.
Temperature range: -60° to +180°C.
Length: From 1 to 4 m. Can be cut to smaller lengths upon request.
Main characteristic: High flexibility due to the wire spiral. Corrugated outer and inner appearance. Suitable for use where you require a very small bending radius.



Diameter (mm)	Working Pressure (Bar)	Bursting Pressure (Bar)	Bending Radius (mm)	Diameter (mm)	Working Pressure (Bar)	Bursting Pressure (Bar)	Bending Radius (mm)
10	10,48	31	46	51	4,09	12	122
16	8,63	26	49	52	4,01	12	125
18	8,17	25	51	53	3,94	12	129
25	6,89	21	59	55	3,79	11	136
28	6,44	19	64	60	3,45	10	156
30	6,17	19	67	63	3,26	10	168
32	5,92	18	71	70	2,85	9	200
38	5,24	16	84	76	2,53	8	231
40	5,04	15	89	80	2,33	7	253
42	4,85	15	94	90	1,86	6	313
45	4,58	14	103	100	1,45	4	380
50	4,17	13	119				

VENA SIL 200 R/A

OIL-RESISTANT SILICONE HOSE WITH POLYESTER REINFORCEMENTS

External material: Silicone VMQ (Vinyl Methyl Quality).
Internal material: Silicone R/A (Oil-Resistant).
Textile reinforcement: 3 ply polyester net.
Temperature range: -60° to +180°C.
Standard wall thickness: 4,2mm (+1/-0.5mm).
Length: From 1 to 4 m. Can be cut to smaller lengths at the request of the customer.
 Plain outer and inner appearance. Suitable for use in straight lengths, with no bending requirements.
Application: Suitable for engine oils and other mineral oils up to +150°C service temperature.

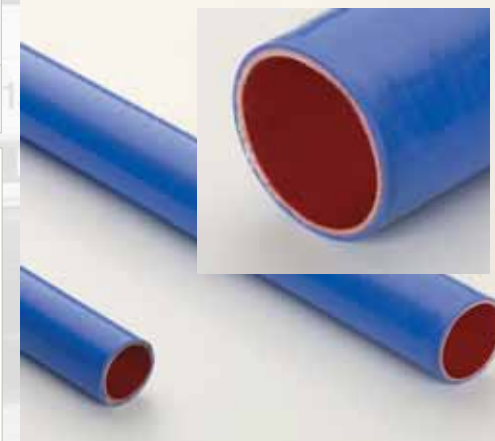


Diameter (mm)	Working Pressure (bar)	Bursting Pressure (bar)	Diameter (mm)	Working Pressure (bar)	Bursting Pressure (bar)
6	16,17	48,5	48	3,60	10,8
8	14,03	42,1	50	3,47	10,4
10	11,50	34,5	51	3,43	10,3
13	9,70	29,1	53	3,33	10
16	8,27	24,8	55	3,23	9,7
18	7,50	22,5	57	3,13	9,4
19	7,27	21,8	60	3,03	9,1
22	6,17	18,5	62	2,97	8,9
25	5,90	17,7	63	2,93	8,8
28	5,40	16,2	65	2,83	8,5
30	5,13	15,4	70	2,70	8,1
32	4,90	14,7	76	2,50	7,5
35	4,57	13,7	80	2,30	6,9
38	4,30	12,9	83	2,17	6,5
40	4,13	12,4	90	1,90	5,7
44	3,83	11,5	100	1,67	5
45	3,77	11,3			

VENA SIL GLASS

STRAIGHT SILICONE HOSE REINFORCED WITH GLASS FIBRE FOR HIGH TEMPERATURES

Material: High temperature resistant silicone.
Textile reinforcement: 3 ply of glass fibre.
Temperature range: -60 to + 235°C (up to 250°C for short periods of time).
Standard wall thickness: 2,8mm (+1/-0.5mm).
Length: From 1 to 4 m. Can be cut to smaller lengths at the request of the customer.
 Plain outer and inner appearance. Suitable for use in straight lengths, with no bending requirements.
 It is possible to produce any special shaped hose (e.g. elbow, reducer, etc.) at the request of the customer.



VENA SIL TURBO

SILICONE HOSE FOR TURBOCHARGER SYSTEMS

External material: Silicone VMQ (Vinyl Methyl Quality).
Internal material: Silicone FVMQ (Fluor Vinyl Methyl Quality).
Textile reinforcement: 3 ply of NOMEX® (1).
Temperature range: -60° to + 200°C (up to 220°C for short periods of time).
Standard wall thickness: depending on the diameter.
Length: From 1 to 4 m. Can be cut to smaller lengths at the request of the customer.
 Plain outer and inner appearance. Suitable for use in straight lengths, with no bending requirements.

Application: Mainly used in the turbocharger system for industrial vehicles, due to its high capacity to withstand hydrocarbons and/or oil particles in the cooling pressurised air. It can also be used in a variety of other areas where hydrocarbons and/or oil particles are present.

It is possible to produce any special shaped hose (e.g. elbow, reducer, etc.) at the request of the customer.

(1) NOMEX is a registered trademark of Dupont.

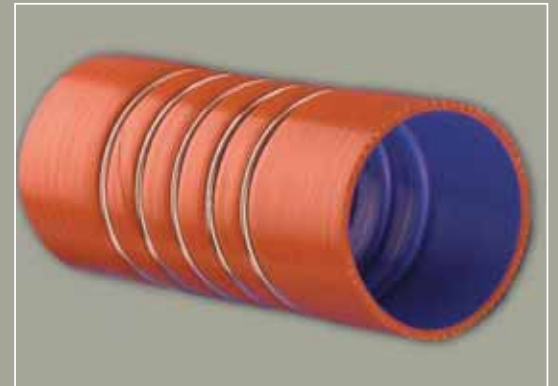
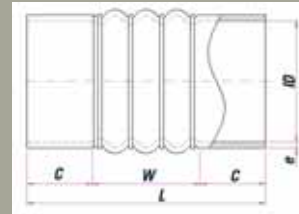


TURBOLOADER

CORRUGATED SILICONE HOSE FOR TURBOCHARGER SYSTEMS

External material: Silicone VMQ (Vinyl Methyl Quality).
Internal material: Silicone FVMQ (Fluor Vinyl Methyl Quality).
Textile reinforcement: NOMEX® (1).
Temperature range: -60° to + 200°C (up to 220°C for short periods of time).
Standard length: (See table below).
 Corrugated outer and inner appearance.
Application: Specifically used in turbocharger systems for industrial vehicles, due to its high capacity to withstand hydrocarbons and/or oil particles in the cooling pressurised air.
Alternative: This product is also available without the FVMQ (Fluor Vinyl Methyl Quality) silicone, instead standard VMQ (Vinyl Methyl Quality) silicone is used.

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BESPOKE HOSES

NON-STANDARD SILICONE HOSES

We are able to design and manufacture specially shaped hoses to meet your specific requirements.



CERTIFICATION



EMAS



ISO 9001



ISO 14001

Available TURBOLOADERS (consult for other dimensions)

ID Diameter (mm)	Number of Corrugate	Number of Rings	W Length of Corrugate (mm)	C Length from one end to the first Ring (mm)	L Total Length (mm)
50	2	3	64	48	160
50	4	5	114	43	200
60	2	3	64	48	160
60	4	5	114	43	200
65	3	4	88	56	200
70	2	3	64	48	160
70	4	5	114	43	200
76	2	3	64	48	160
76	4	5	114	43	200
80	3	4	88	56	200
80	6	7	164	68	300
85	3	4	88	56	200
85	6	7	164	68	300
89	1	2	38	31	100
89	2	3	64	48	160
89	4	5	114	48	210
89	5	6	138	56	250
89	6	7	164	68	300
95	4	5	130	40	210
95	6	7	164	68	300
100	1	2	38	31	100
100	2	3	64	48	160
100	4	5	114	48	210
100	5	6	138	56	250
100	6	7	164	68	300
114	3	4	88	56	200