

# VENA<sup>®</sup> SIL 200/240

## Straight hose



> **MATERIAL:**  
Silicone VMQ (Vinyl Methyl Quality)

### > CERTIFICATIONS:

- > SAE J20 R1 Class A.
- > Material used is in accordance with EU Directive 2015/863 for Restriction of the use of hazardous substances (RoHS 3).

### > CONSTRUCTION:

- **SIL 200:**  
3 plies of polyester fabric.
- **SIL 240:**  
4 plies of polyester fabric.
- It can also be supplied with another type of textile reinforcement (Aramid,

fiberglass).

### > STANDARD WALL THICKNESS:

- SIL 200: 4,3mm (+1/-0,5mm) | 0,17" (+0,04/-0,02")
- SIL 240: 5,3mm (+1/-0,5mm) | 0,20" (+0,04/-0,02")

### > STANDARD LENGTH:

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

### > OUTER APPEARANCE:

Smooth outer and inner appearance.

### APPLICATIONS:

Suitable for use in straight lengths, with no bending requirements. It is especially recommended for pressurized air or water conduction at high temperatures, it can be used in vehicles and in the industrial sector. For use in cooling and heating systems in buses, coaches, trucks, industrial vehicles, cooling systems in cogeneration units and marine engines, and transport of high temperature fluids in general industry.

\* Not indicated for working at vacuum applications.



### TEMPERATURE RANGE:

-55°C / +180°C  
(-67°F / +356°F)



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### STRAIGHT REDUCER

Standard length:  
100mm/150mm  
(4"/6")



### ELBOW 90° / 45° / 135°

Standard length:  
Length of legs:  
100mm/150mm/200mm  
(4"/6"/8")



### REDUCER ELBOW 90°

Standard length:  
Length of legs:  
100mm/150mm  
(4"/6")



## TECHNIC SPECIFICATIONS

Inner Diameter		Working Pressure		Bursting Pressure	
mm	inch	Bar	Psi	Bar	Psi
6	1/4	16,1	234	48,5	703
13	1/2	9,7	141	29,1	422
19	3/4	7,2	104	21,8	316
25	1	5,9	86	17,7	257
32	1 1/4	4,9	71	14,7	213
38	1 1/2	4,3	62	12,9	187
45	1 3/4	3,7	54	11,3	164
51	2	3,4	49	10,3	149
57	2 1/4	3,1	45	9,4	136
63	2 1/2	2,9	42	8,8	128
70	2 3/4	2,7	39	8,1	117
76	3	2,5	36	7,5	109
80	3 1/8	2,3	33	6,9	100
90	3 1/2	1,9	28	5,7	83
100	4	1,6	23	5,0	73