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CSKS 650



CONSTRUCTION :

VMQ silicone hose (Vinyl Methyl Quality) in compliance with FDA 21 CFR 1772600 and BGA Class XV, manufactured in silicone with platinum catalysis in compliance with USP Class VI

Inner surface: Translucent and smooth.

Outer surface: Translucent, white or in color and smooth.

Reinforcement: Polyester & 302L Stainless Steel spiral

Temperature: The recommended working temperatures is between -60°C and 200°C (-76°F & 356°F)

Manufacturing Length: Standard length is 4.00 meters (on request, 6.00m length in some dimensions)

Application: The CSKS650 offers an extremely broad field of application. The design ensures a balance between strength and lightness, making it easy to handle. Short lengths ideal for use in proportioning and loading tanks. These hose compensate vibrations and level differences. Suitable for pressure or vacuum. Therefore, they are recommended for use in the aforementioned applications.

Dimension: manufactured in the following diameters: 6-8-10-13-16-18-20-22-25-28-32-35-38-40-42-45-50-55-63-76-90-100-102 mm.

Properties: These Hoses are usually translucent. However, in order to distinguish the products conveyed through the Hose, they can also be manufactured so that the outer of the Hose is as per the desired color

Hoses can be sterilized with hot air at +250°C (+482°F) or steam at +135°C (+275°F), at 3.5bar.
Maximum recommended time: 1 hr 30m. at +135°C (+275°F)



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Inner diameter (mm)	Wall thickness (mm)	External diameter (mm)	Bending radius (mm) ISO 1746/1983	Operating pressure (bar)		Burst pressure (bar)	Vacuum Resistance
				at 20°C			
				ISO 1402/1994	ISO 1402/1994		
	Tolerance +1,0-0,5						
6	5.0	16	60	16,6	50		
8	5.0	18	66	14,3	43		
10	5.0	20	73	12,8	38		
13	5.0	23	84	11,2	34		mmHg
16	5.0	26	97	10,0	30		-684
18	5.0	28	106	9,4	28		
20	5.0	30	116	8,9	27		bar
22	5.0	32	127	8,5	26		-0,912
25	5.0	35	144	8,0	24		
28	5.0	38	162	7,5	23		Torr kp
32	5.0	42	190	7,0	21		-0,930
35	5.0	45	212	6,7	20		
38	5.0	48	236	6,4	19		ATM
40	5.0	50	252	6,3	19		-0,900
42	5.0	52	270	6,1	18		
45	5.0	55	297	5,9	18		PSI
50	5.0	60	346	5,6	17		-13,05
51	5.0	61	356	5,5	17		
63	6.0	75	492	4,8	14		inHg
76	6.0	88	666	3,9	12		-26,58
90	6.0	102	886	3,0	9		
100	6.0	112	1063	2,3	7		
102	6.0	114	1100	2,1	7		

Upon request, the hose 650 series may be provided with stainless steel outer braiding 304L, thus allowing better resistance to mechanical stress.

we can provide any other customized diameters (please fell free to contact us)
Reduce the specified pressure by 20% by 100°C-increment in temperature

The specifications or design are subject to change without prior notice.