



Silicone hose CSKS640
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CSKS 640



CONSTRUCTION :

VMQ silicone hose (Vinyl Methyl Quality) in compliance with FDA 21 CFR 1772600 and BGA Class XV, manufactured upon request in silicone with platinum catalysis in compliance with USP Class VI (United State Pharmacopoeia) with four polyester reinforcements.

For higher pressure, we suggest a reinforced version with special polyester textile reference 640 MIF

Inner surface: Translucent or white and smooth.

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

Reinforcement: Polyester

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: Straight sections with fitting connection at both ends, where only low flexibility is required. The 640I is often used to detect metal particles which may occur during filling of food products such as cream or baby food.

The structure of the silicone 640 cannot withstand vacuum.

Dimension: 4m long (for specific diameters up to 6m long) 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 tube, 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)	Expansion at operating pressure	Bending radius	Operating pressure		Burst pressure
					(bar) at 20°C ISO 1402/1994		
	Tolerance +1,0-0,5					640	640 MIF
6	4,5	15		not recommended		39	71
8	4,5	17		not recommended		33	61
10	4,5	19	9,18%	not recommended		30	55
13	4,5	22		not recommended		26	48
16	4,5	25		not recommended		23	43
18	4,5	27		not recommended		22	41
20	4,5	29		not recommended		21	39
22	4,5	31		not recommended		20	37
25	4,5	34	9,79%	not recommended		18	35
28	4,5	37		not recommended		17	33
32	4,5	41		not recommended		16	31
35	4,5	44		not recommended		15	29
38	4,5	47		not recommended		15	28
40	4,5	49		not recommended		14	27
42	4,5	51		not recommended		14	27
45	4,5	54		not recommended		14	26
50	4,5	59	12,27%	not recommended		13	25
51	4,5	60		not recommended		13	24
63	4,5	72		not recommended		11	21
76	4,5	85		not recommended		8	17
90	4,5	99		not recommended		6	13
100	4,5	109	18,26%	not recommended		5	10
102	4,5	111		not recommended		5	10

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.