



# VENA SIL 640

**Elastomer:** Platinum cured silicone produced in accordance with the U.S. FDA Standard 21 CFR 177.2600, the German BfR Standard part XV, and optionally with the USP class VI Standard.

**Fabric reinforcement:** Polyester fabric reinforcement.

It is possible to produce a more reinforced version named VENA SIL 640 MIF, manufactured with a special high tenacity polyester fabric for higher pressure.

**Stainless steel inside:** No

**Inner appearance:** Translucent and smooth.

**Outer appearance:** Translucent, white or colored, and smooth.

**Length of manufacture:** : The standard length of manufacture is 4m (13'). Upon request, 6m length hoses (19' 8") can be manufactured..

**Temperature scale:** -60° C / +180° C (-76° F / +356° F).

**Applications:** For use in straight sections equipped with metal fittings terminals, where flexibility is not required.

This model is often used to detect metal particles which may occur during filling of food products such as cream or baby food. This model is not recommended for operation with negative pressure (vacuum).

**Silicone material option:**

- FDA / BfR part XV
- FDA / BfR part XV platinum cured
- USP Class VI platinum cured



VENA SIL 640

INNER DIAMETER*		WALL THICKNESS	WORKING PRESSURE**				BURSTING PRESSURE**				
			bar at 20°C iso1402/1994		psi at 68°F iso1402/1994		bar at 20°C iso1402/1994		psi at 68°F iso1402/1994		
(mm)	(inch)	+1 -0.5 (mm)	640	640 MIF	640	640 MIF	640	640 MIF	640	640 MIF	
6	1/4	↑	11,7	23,6	169	342	35	71	508	1030	
8	5/16		10,7	20,5	155	297	32	61	464	885	
10	3/8		9,7	18,3	140	265	29	55	421	798	
13	1/2		8,7	16,0	126	232	26	48	377	696	
16	5/8		8,0	14,5	116	210	24	43	348	624	
19	3/4		7,7	12,9	111	187	23	39	334	566	
22	7/8		7,0	12,3	102	178	21	37	305	537	
25	1		4.5	6,7	11,6	97	168	20	35	290	508
32	1 1/4		↓	5,7	10,2	82	148	17	31	247	450
38	1 1/2			5,0	9,4	73	136	15	28	218	406
51	2	4,0		8,1	58	117	12	24	174	348	
63	2 1/2	3,3		6,9	48	100	10	21	145	305	
76	3	2,7		5,7	39	83	8	17	116	247	
102	4	1,7		3,3	24	48	5	10	73	145	

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

\*\*Pressure data is noted at ambient temperature. Please reduce pressure values by 20% for each increase of 100°C / 212°F.