



## *Silicone Hi-Flex Hose (SHF)*



**Construction:** Platinum Cured silicone in compliance with FDA 21 CFR 177.2600, FDA-BfR part XV from Germany, and USP Class VI. Polyester reinforcement with stainless steel wire narrow pitched encased inside the hose.

**Temperature:** -60°C and 200°C (-76°F & 395°F). Hoses can be sterilized by hot air at +250°C (+482°F) or by steam at +135°C (+275°F), @ 55 psi. Maximum recommended time: 1 hr 30m. at +135°C (+275°F)

**Applications:** Extremely flexible design ensures a balance between strength and lightness, making it easy to handle. Short lengths are ideal for use in proportioning and loading cells. Great for vibration dampening. Hose is suitable for pressure or vacuum.



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Hose ID		Hose OD		Minimum Bend Radius		Maximum Working Pressure		Vacuum HG	
in	mm	in	mm	in	mm	PSI	Bar	IN	MM
1/2	13	.94	24	1.50	39	175	12.07	28	711
3/4	19	1.18	30	2.00	54	175	12.07	28	711
1	25	1.42	36	2.50	68	175	12.07	28	711
1 1/2	38	1.93	49	4.50	112	125	8.62	28	711
2	51	2.44	62	5.50	144	125	8.62	28	711
2 1/2	63	2.91	74	7.00	181	75	5.17	28	711
3	76	3.46	88	9.00	232	65	4.48	28	711
4	102	4.49	114	14.50	367	50	3.45	28	711