



SINGAFLEX

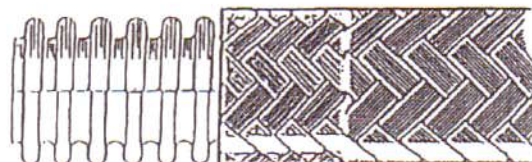
Stainless Steel Annular convoluted Hose is a close pitch hose with a safety factor of 4:1 and a high working temperature range of -200°C to 700°C.

CONSTRUCTION

Grade 321 S31 OR 304L Stainless Steel Convoluted Core.

Grade 304L Braid.

Grade 316L Convoluted Core and Braid available upon request.



Convoluted
Hose Core

Single
Braid

TYPE

SSH 0 UNBRAIDED

SSH 1 SINGLE BRAID

Nominal Size DN		Hose Type	Maximum Working pressure at 20°C		Maximum Test pressure at 20°C		Minimum Bend radius flexing		Nominal O.D.		Estimate Weight kg/m
mm	inch		Bar	lbs/sq. in.	Bar	lbs/sq. in.	mm	inch	mm	inch	
6	1/4	SSH 0	10	145	15	220	100	4	10.0	0.40	0.17
		SSH 1	167	2700	250	4000	100	4	11.0	0.44	0.28
10	3/8	SSH 0	10	145	15	220	125	5	14.0	0.56	0.24
		SSH 1	138	2000	207	3000	125	5	16.0	0.64	0.39
12	1/2	SSH 0	5	75	7.5	110	125	5	18.0	0.72	0.31
		SSH 1	103	1500	154	2250	125	5	20.0	0.80	0.50
20	3/4	SSH 0	4	60	6	90	150	6	25.5	1.02	0.37
		SSH 1	72	1049	108	1573	150	6	27.0	1.08	0.62
25	1	SSH 0	4	60	6	90	175	7	33.0	1.32	0.48
		SSH 1	65	947	98	1427	175	7	34.5	1.38	0.80
32	1 1/4	SSH 0	3	43	4.5	65	200	8	41.0	1.64	0.65
		SSH 1	46	670	69	1005	200	8	43.0	1.72	1.15
40	1 1/2	SSH 0	2	29	3	43	250	10	47.5	1.90	0.85
		SSH 1	40	583	60	874	250	10	50.0	2.00	1.50
50	2	SSH 0	1	14	1.5	22	350	14	62.0	2.48	1.25
		SSH 1	34	490	51	740	350	14	64.0	2.56	2.10
65	2 1/2	SSH 0	1	14	1.5	22	500	20	86.0	3.44	1.55
		SSH 1	31	450	46	670	500	20	88.5	3.54	2.65
80	3	SSH 0	1	14	1.5	22	525	21	99.0	3.96	1.80
		SSH 1	27	390	40	580	525	21	102.0	4.08	3.13
100	4	SSH 0	0.7	10	1.1	16	625	25	126.0	5.04	2.40
		SSH 1	18	262	27	393	625	25	130.0	5.20	4.15
125	5	SSH 0	0.7	10	1.1	16	750	30	152.0	6.08	3.90
		SSH 1	16	230	24	350	750	30	156.0	6.24	6.4
150	6	SSH 0	0.5	7	0.75	11	900	36	179.0	7.16	4.50
		SSH 1	14	200	21	306	900	36	183.0	7.32	7.85
200	8	SSH 0	0.3	4	0.45	6	1020	40	233.0	9.32	6.00
		SSH 1	10	150	15	225	1020	40	238.0	9.52	10.5
250	10	SSH 0	0.25	3	0.36	5	1220	48	286.0	11.44	7.50
		SSH 1	10	150	15	225	1220	48	291.0	11.64	12.5
300	12	SSH 0	0.2	2.4	0.2	2.4	2900	116	338.0	13.52	11.00
		SSH 1	10	150	15	225	2900	116	343.0	13.72	15.00
350	14	SSH 0	0.1	1.2	0.1	1.2	2950	118	376.0	15.04	13.00
		SSH 1	10	150	15	225	2950	118	384.0	15.36	18.00

N.B. Technical data is subject to change without notice.