

General

The SHE - Extra Flexible Hose series combines the same pressure rating performances as the SHF - general use series with improved flexibility for smaller minimal static and dynamic bend radiuses.

The extra flexibility is provided by denser corrugations while maintaining the same production process and material specifications.

Features

- Braided, double braided or unbraided corrugated tube assembly
- Core tube is made of 316L stainless steel, 321 stainless steel core tube is available.
- Braid is made of 304 stainless steel, 316 stainless steel braid is available.
- Annular Hydroformed corrugation
- Tube ID from 1/4" to 2"
- Max. pressure 2700psi (186bar)
- Min. static bend radius for braided hose 0.9inch (23mm)
- Min. dynamic bend radius for braided hose 3.7inch (94mm)
- Full range of end connections

SHE Series - Extra Flexible

Inside Diameter		Number of Braids	Outside Diameter		Static Minimum Bend Radius		Dynamic Minimum Bend Radius		Maximum Working Pressure		Burst Pressure		Weight Per Foot (lbs)	Weight Per Meter (kg)
(inch)	(mm)		(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(psi)	(bar)	(psi)	(bar)		
1/4	6.35	0	0.42	10.7	0.9	23	3.7	94	90	6	n/a	n/a	0.07	0.10
		1	0.48	12.2					1800	124	7233	499	0.14	0.21
		2	0.54	13.7					2700	186	9100	627	0.20	0.30
3/8	9.53	0	0.65	16.5	1.0	25	4.0	102	70	5	n/a	n/a	0.15	0.22
		1	0.71	18.0					1558	107	6230	430	0.25	0.37
		2	0.77	19.6					2336	161	9345	644	0.36	0.54
1/2	12.70	0	0.77	19.6	1.2	30	4.4	112	70	5	n/a	n/a	0.18	0.27
		1	0.83	21.1					1186	82	4743	327	0.32	0.48
		2	0.89	22.6					1779	123	7115	491	0.47	0.70
5/8	15.88	0	0.96	24.4	1.4	36	5.6	142	57	4	n/a	n/a	0.19	0.28
		1	1.02	25.9					1205	83	4820	332	0.37	0.55
		2	1.08	27.4					1808	125	7230	498	0.54	0.80
3/4	19.05	0	1.16	29.5	1.7	43	6.4	163	43	3	n/a	n/a	0.31	0.46
		1	1.22	31.0					898	62	3591	248	0.53	0.79
		2	1.28	32.5					1347	93	5387	371	0.74	1.10
1	25.40	0	1.47	37.3	2.1	53	7.1	180	43	3	n/a	n/a	0.41	0.61
		1	1.53	38.9					718	50	2872	198	0.76	1.13
		2	1.63	41.4					1077	74	4308	297	1.11	1.65
1 1/4	31.75	0	1.75	44.5	2.5	64	7.9	201	43	3	n/a	n/a	0.63	0.94
		1	1.83	46.5					645	44	2581	178	1.00	1.49
		2	1.91	48.5					968	67	3872	267	1.37	2.04
1 1/2	38.10	0	2.08	52.8	3.1	79	8.7	221	28	2	n/a	n/a	0.70	1.04
		1	2.16	54.9					531	37	2125	147	1.16	1.73
		2	2.24	56.9					797	55	3188	220	1.63	2.43
2	50.80	0	2.61	66.3	4	102	10.3	262	14	1	n/a	n/a	0.88	1.31
		1	2.69	68.3					449	31	1797	124	1.44	2.14
		2	2.77	70.4					674	46	2696	186	1.99	2.96



Materials of Construction

Part	Material
Tube	SS 316L / SS 321
Braid	SS 304 / SS 316
End Connections	SS 316L