

## Stainless Steel 304 / 316 Flexible Hose



### OUTER BRAND

One or two layers of SS304 braids acting as reinforcement

### INNER TUBE

SS321 annular corrugated tube. Other material SS304, SS316L, Monel 400, Inconel, etc, are also available

### TEMPERATURE

-200°C to 816°C

### FITTINGS

Flanges and threaded fittings are argon welded and the assemblies are tested to 1.5 times working pressure.

### APPLICATION

Hot air, steam, hot oil, exhaust, cryogenics, absorb pump vibration, tank settlement etc.

PRESSURE DATA					MIN. C/L BEND RADIUS			
Nominal Hose I.D mm	Hose Type mm	Maximum Hose O.D Pressure Bar @21°C	Maximum Working Pressure Bar @21°C	Maximum Test Pressure Bar @21°C	Maximum Burst mm	Constant Flexing mm	Static Bend Kg/m	Approx Weight
6	UFBX0	10.0	10	15	40	100	16	0.088
	UFBX1	11.4	167	250	668	100	25	0.17
	UFBX2	12.8	220	350	880	100	25	0.25
10	UFBX0	14.9	5.5	8.3	22	150	22	0.17
	UFBX1	16.3	100	150	400	150	40	0.28
	UFBX2	17.6	178	267	712	150	40	0.39
12	UFBX0	19.2	5.5	8.3	22	150	24	0.24
	UFBX1	20.3	95	143	380	150	50	0.43
	UFBX2	22.0	154	230	616	150	50	0.60
20	UFBX0	25.7	4.1	6.2	16.4	200	30	0.37
	UFBX1	27.3	72	108	288	200	70	0.62
	UFBX2	28.9	131	197	524	200	70	0.87
25	UFBX0	33.2	4.1	6.2	16.4	200	44	0.50
	UFBX1	35.3	65	98	260	200	90	0.88
	UFBX2	37.4	102	153	408	200	90	1.3
32	UFBX0	40.9	3.4	5.1	13.6	250	55	0.64
	UFBX1	43.0	4.6	6.9	184	250	110	1.1
	UFBX2	45.1	85	128	340	250	110	1.6
40	UFBX0	47.8	2.4	3.6	9.6	250	70	0.89
	UFBX1	49.9	40	60	160	250	127	1.4
	UFBX2	52.1	72	108	288	250	127	1.9
50	UFBX0	62.1	1.0	1.5	4.0	350	90	1.2
	UFBX1	64.2	33	50	132	350	180	1.9
	UFBX2	66.3	60	90	24.0	350	180	2.7
65	UFBX0	76.5	1.0	1.5	4.0	410	110	1.9
	UFBX1	78.6	26	39	104	410	203	2.8
	UFBX2	80.7	46	69	184	410	203	3.7
80	UFBX0	89.8	1.0	1.5	40	450	130	2.3
	UFBX1	91.9	22	33	88	450	230	3.4
	UFBX2	94.1	40	60	160	450	230	4.5
90	UFBX0	114	0.75	1.13	3	510	175	2.5
	UFBX1	117	20.6	30.9	82.4	510	220	4.1
	UFBX2	120	27.0	40.5	108	510	220	5.7
100	UFBX0	126	0.69	1.04	2.8	560	200	2.8
	UFBX1	129	18.4	27.6	73.6	560	230	4.6
	UFBX2	132	33.0	49.5	132	560	230	6.4
125	UFBX0	151	0.69	1.04	2.6	710	250	4.7
	UFBX1	153	11.5	17.3	46.0	710	280	6.6
	UFBX2	156	20.7	31.0	82.8	710	280	8.5
150	UFBX0	178	0.55	0.83	2.2	815	290	5.5
	UFBX1	180	11.2	16.8	44.8	815	320	7.7
	UFBX2	183	20.0	30.0	80.0	815	320	9.9
200	UFBX0	323	0.31	0.46	1.24	1015	400	7.3
	UFBX1	235	7.0	11.0	28.0	1015	435	10
	UFBX2	237	10	15	40.0	1015	435	13
250	UFBX0	287	0.25	0.37	1.0	1220	490	9.2
	UFBX1	292	9.6	14.4	38.4	1220	560	14.7
	UFBX2	-	-	-	-	-	-	-