

UFBX™ (T321 SS)

Construction:

T321 stainless steel hose

Series 300 stainless steel braid

Direct braided 1/4" through 2" on **reels**

Annular construction

Maximum Working Pressure:

From Full Vacuum to 220 bar

depending on size and braid configuration

Temperature:

From Cryogenic to 816°C

UFBX0 – Unbraided

UFBX1 – One Braid

UFBX2 – Two Braid

Sizes:

UFBX in 1/4" to 2" diameters are designed and certified to ISO 10380 Specifications.

NOMINAL HOSE I.D.	HOSE TYPE	HOSE O.D. mm	WEIGHT kg/m	MIN.LIVE LENGTH FOR VIBRATION mm	MINIMUM BEND RADIUS STATIC BEND mm	DYNAMIC FLEXING mm	MAXIMUM WORKING PRESSURE bar	MAXIMUM TEST PRESSURE bar	NORMAL BURST PRESSURE bar
1/4"	UFBX0	10.2	0.07	76	16	109	10.0	15.0	-
	UFBX1	11.4	0.16	76	25	109	166.9	250.3	667.4
	UFBX2	12.7	0.24	76	25	109	219.9	329.9	879.8
3/8"	UFBX0	15.0	0.16	89	22	152	5.5	8.3	-
	UFBX1	16.3	0.27	89	38	152	100.0	150.0	399.9
	UFBX2	17.5	0.37	89	38	152	177.9	266.8	711.5
1/2"	UFBX0	19.6	0.16	108	24	165	5.5	8.3	-
	UFBX1	21.1	0.33	108	44	165	74.1	111.4	296.5
	UFBX2	22.4	0.49	108	44	165	103.4	155.1	413.7
3/4"	UFBX0	25.9	0.27	114	30	203	4.1	6.2	-
	UFBX1	27.4	0.52	114	70	203	65.5	98.3	262.0
	UFBX2	29.0	0.77	114	70	203	86.2	129.3	344.7
1"	UFBX0	33.8	0.31	140	43	203	4.1	6.2	-
	UFBX1	35.8	0.70	140	89	203	50.0	74.9	199.9
	UFBX2	37.8	1.09	140	89	203	76.5	113.8	308.2
1 1/4"	UFBX0	41.1	0.40	152	56	254	3.4	5.2	-
	UFBX1	43.2	0.85	152	114	254	38.8	58.3	155.3
	UFBX2	45.2	1.29	152	114	254	56.9	85.3	227.5
1 1/2"	UFBX0	47.8	0.67	159	69	254	2.4	3.7	-
	UFBX1	49.5	1.40	159	127	254	34.5	51.7	137.9
	UFBX2	52.1	2.13	159	127	254	55.2	82.7	220.6
2"	UFBX0	62.2	0.82	191	89	356	1.0	1.6	-
	UFBX1	64.3	1.49	191	194	356	33	49.4	131.8
	UFBX2	66.3	2.23	191	194	356	44	66.0	176.0
2 1/2"	UFBX0	76.5	1.93	191	114	406	1.0	1.6	-
	UFBX1	78.5	2.83	191	201	406	26.0	39.0	104.0
	UFBX2	80.8	3.72	191	201	406	46.0	69.0	184.0
3"	UFBX0	90.7	2.01	279	210	483	0.3	0.4	-
	UFBX1	93.7	2.72	279	210	483	25.9	38.6	103.4
	UFBX2	95.5	3.82	279	210	483	37.9	56.9	151.7
3 1/2"	UFBX0	105.2	2.51	292	248	521	0.2	0.3	-
	UFBX1	108.2	2.84	292	248	521	23.4	35.2	93.8
4"	UFBX0	119.9	2.47	305	279	559	0.1	0.2	-
	UFBX1	122.4	3.85	305	279	559	17.9	26.9	72.4
	UFBX2	124.7	5.24	305	279	559	32.1	47.9	128.2
5"	UFBX0	148.8	3.38	330	343	711	0.2	0.3	-
	UFBX1	151.4	5.31	330	343	711	20.0	30.0	80.0
	UFBX2	153.9	7.25	330	343	711	21.2	31.9	84.9
6"	UFBX0	177.8	5.25	356	406	864	0.2	0.3	-
	UFBX1	180.3	7.77	356	406	864	14.5	21.7	58.6
	UFBX2	182.6	10.28	356	406	864	21.4	32.1	85.5
8"	UFBX0	230.1	6.83	406	508	1067	0.1	0.2	-
	UFBX1	232.7	11.77	406	508	1067	15.2	22.8	60.3
	UFBX2	235.2	16.71	406	508	1067	23.4	35.2	93.8
10"	UFBX0	284.2	8.82	610	864	1753	0.1	0.2	-
	UFBX1	286.8	15.33	610	864	1753	12.8	19.0	51.0
	UFBX2	289.3	21.83	610	864	1753	22.8	34.1	91.0
12"	UFBX0	336.6	10.54	686	940	1880	0.1	0.2	-
	UFBX1	339.1	20.27	686	940	1880	12.1	17.9	48.3
	UFBX2	341.6	30.00	686	940	1880	21.7	32.4	86.9