

## USBX

**Construction:**

**T321** and **T316L** stainless steel hose  
**Series 300** stainless steel braid  
 Annular construction  
 Direct braided on reels - up to 500 feet

**Maximum Working Pressure:\***

Full vacuum up to 1825 psig  
 depending on size



**Sizes:**

1/4" through 2"

**Temperature:**

Cryogenic to 1250°F

USBX Unbraided      USBX-1 Single Braid  
 USBX-2 Two Braid

NOMINAL HOSE I.D.	HOSE TYPE	HOSE O.D.	WEIGHT PER FT.	MIN.LIVE LENGTH FOR VIBRATION	MINIMUM BEND RADIUS		MAXIMUM WORKING PRESSURE	MAXIMUM TEST PRESSURE	NORMAL BURST PRESSURE
					STATIC BEND	INTERMITTENT FLEXING			
1/4"	USBX0	0.38	0.05	3.50	0.591	3.150	145	218	—
	USBX1	0.43	0.06	3.50	0.984	3.150	1825	2738	7300
3/8"	USBX0	0.56	0.07	4.50	0.709	5.039	80	120	—
	USBX1	0.61	0.16	4.50	1.496	5.039	1350	2025	5400
1/2"	USBX0	0.66	0.08	4.75	0.787	5.433	80	120	—
	USBX1	0.71	0.18	4.75	1.772	5.433	1200	1800	4800
3/4"	USBX0	1.06	0.17	5.25	1.260	6.614	60	90	—
	USBX1	1.11	0.33	5.25	2.756	6.614	875	1313	3500
1"	USBX0	1.27	0.23	5.50	1.575	7.480	60	90	—
	USBX1	1.34	0.52	6.50	3.346	7.480	900	1350	3600
1 1/4"	USBX0	1.62	0.29	7.50	1.969	10.039	50	75	—
	USBX1	1.67	0.53	7.50	4.134	10.039	515	773	2060
	USBX2	1.72	0.77	7.50	4.134	10.039	800	1200	3200
1 1/2"	USBX0	1.96	0.47	8.00	2.362	11.614	36	54	—
	USBX1	2.03	0.85	8.00	5.118	11.614	435	653	1740
	USBX2	2.10	1.23	8.00	5.118	11.614	800	1200	3200
2"	USBX0	2.38	0.60	9.50	2.756	12.598	15	23	—
	USBX1	2.44	1.06	9.50	6.299	12.598	425	638	1700
	USBX2	2.50	1.52	9.50	6.299	12.598	600	900	2400

\*These ratings reflect type T321 stainless steel hose; for type 316L stainless steel hose ratings, please contact the factory.