

USCX

Construction:

T321 and **T316L** stainless steel hose

Series 300 stainless steel braid

Annular construction

Sizes:

Direct braided on reels - up to 500 feet

Maximum Working Pressure:

Full vacuum to 1825 psig

depending on use

Temperature:

Cryogenic to 1250° F

280 Unbraided

281 One 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	DYNAMIC FLEXING			
1/4"	USCX0	0.38	0.08	3.50	0.591	3.150	145	218	—
	USCX1	0.43	0.09	3.50	0.984	3.150	1825	2738	7300
3/8"	USCX0	0.56	0.11	4.50	0.709	5.039	80	120	—
	USCX1	0.61	0.20	4.50	1.496	5.039	1350	2025	5400
1/2"	USCX0	0.79	0.18	4.75	0.905	5.728	80	120	—
	USCX1	0.84	0.27	4.75	2.022	5.728	1200	1800	4800
3/4"	USCX0	1.06	0.26	5.25	1.260	6.614	60	90	—
	USCX1	1.11	0.27	5.25	2.756	6.614	875	1313	3500
1"	USCX0	1.27	0.35	5.50	1.575	7.480	60	90	—
	USCX1	1.34	0.63	6.50	3.346	7.480	900	1350	3600
1 1/4"	USCX0	1.62	0.44	7.50	1.969	10.039	50	75	—
	USCX1	1.67	0.68	7.50	4.134	10.039	515	773	2060
	USCX2	1.72	0.92	7.50	4.134	10.039	800	1200	3200
1 1/2"	USCX0	1.96	0.71	8.00	2.362	11.614	36	54	—
	USCX1	2.03	1.09	8.00	5.118	11.614	435	653	1740
	USCX2	2.10	1.47	8.00	5.118	11.614	800	1200	3200
2"	USCX0	2.38	0.90	9.50	2.756	12.598	15	23	—
	USCX1	2.44	1.36	9.50	6.299	12.598	425	638	1700
	USCX2	2.50	1.82	9.50	6.299	12.598	600	900	2400