

UFC (304 and 316 SS)

Construction:

304 and 316 stainless steel hose
Series 300 stainless steel braid
 Annular construction

Maximum Working Pressure:

From Full Vacuum to 305 bar
 depending on size and braid configuration

Temperature:

From Cryogenic to 816°C

UFC0 – Unbraided

UFC1 – One Braid

UFC2 – Two Braid

Sizes:

UFC in 1/4" to 12"

NOMINAL HOSE I.D.	HOSE TYPE	HOSE O.D. mm	WEIGHT kg/m	MIN.LIVE LENGTH FOR VIBRATION mm	MINIMUM BEND RADIUS		MAXIMUM WORKING PRESSURE bar	MAXIMUM TEST PRESSURE bar	NORMAL BURST PRESSURE bar
					STATIC BEND mm	DYNAMIC FLEXING mm			
1/4"	UFC0	13.0	0.20	95	16	100	10.0	15.0	-
	UFC1	14.5	0.31	95	25	100	171.0	256.5	684.0
	UFC2	15.9	0.42	95	25	100	305.0	457.5	1220.1
3/8"	UFC0	17.8	0.29	114	22	150	5.5	8.3	-
	UFC1	19.3	0.48	114	40	150	151.0	226.5	604.0
	UFC2	20.7	0.67	114	40	150	260.0	390.0	1040.0
1/2"	UFC0	21.8	0.35	114	24	150	5.5	8.3	-
	UFC1	23.3	0.58	114	50	150	114.0	171.0	455.9
	UFC2	24.7	0.81	114	50	150	205.0	307.5	819.9
3/4"	UFC0	28.0	0.48	140	30	200	4.1	6.1	-
	UFC1	30.2	0.86	140	70	200	90.8	136.2	363.2
	UFC2	32.3	1.20	140	70	200	150.0	225.0	600.1
1"	UFC0	35.0	0.64	165	44	200	4.1	6.1	-
	UFC1	37.2	1.10	165	90	200	79.4	119.1	317.7
	UFC2	39.3	1.60	165	90	200	120.0	180.0	479.9
1 1/4"	UFC0	46.5	0.90	178	55	250	3.2	4.8	-
	UFC1	48.6	1.60	178	108	250	59.0	88.5	236.1
	UFC2	50.7	2.20	178	108	250	89.0	133.5	356.0
1 1/2"	UFC0	54.5	1.20	191	70	250	2.4	3.6	-
	UFC1	56.7	1.90	191	127	250	46.0	69.0	184.0
	UFC2	58.8	2.70	191	127	250	71.0	106.5	284.1
2"	UFC0	65.7	1.30	241	90	350	1.0	1.5	-
	UFC1	68.4	2.30	241	175	350	40.2	60.3	160.8
	UFC2	70.9	3.30	241	175	350	50.0	75.0	199.9
2 1/2"	UFC0	85.5	2.00	178	110	410	1.0	1.5	-
	UFC1	88.2	3.30	178	200	410	33.5	50.3	134.0
	UFC2	90.7	4.60	178	200	410	50.0	75.0	199.9
3"	UFC0	97.7	2.50	203	130	450	1.0	1.5	-
	UFC1	100.0	4.00	203	200	450	28.1	42.1	112.5
	UFC2	103.0	5.50	203	200	450	50.0	75.0	199.9
4"	UFC0	127.0	3.00	254	200	560	0.7	1.0	-
	UFC1	129.0	4.90	254	230	560	21.5	32.3	86.0
	UFC2	132.0	6.80	254	230	560	34.0	51.0	136.0
5"	UFC0	151.0	4.77	445	279	711	0.2	0.3	-
	UFC1	153.0	6.67	445	279	711	24.1	36.1	96.5
	UFC2	156.0	8.57	445	279	711	26.5	39.9	106.2
6"	UFC0	178.0	8.31	483	419	838	0.3	0.3	-
	UFC1	180.0	9.81	483	419	838	16.5	24.8	66.2
	UFC2	183.0	11.30	483	419	838	29.6	44.4	118.6
8"	UFC0	230.0	10.98	483	546	1092	0.2	0.3	-
	UFC1	232.0	16.26	483	546	1092	19.0	28.5	75.8
	UFC2	234.0	21.53	483	546	1092	24.1	36.2	96.5
10"	UFC0	284.0	12.35	533	686	1372	0.1	0.2	-
	UFC1	289.0	18.86	533	686	1372	17.2	25.9	68.9
	UFC2	294.0	25.37	533	686	1372	25.9	38.8	103.4
12"	UFC0	337.0	14.81	584	813	1626	0.1	0.2	-
	UFC1	343.0	24.56	584	813	1626	12.4	18.6	49.6
	UFC2	349.0	34.30	584	813	1626	22.1	33.1	88.3