



FLEX300 – UFC

High Pressure Hose – High Flexibility

NOMINAL BORE				MIN BEND RADIUS		MAXIMUM PRESSURE				BURST PRESSURE		WEIGHT KG/M
MM	IN	HOSE TYPE	HOSE O/D MM	STATIC MM	DYNAMIC MM	WORKING		TEST		BAR	PSI	
						BAR	PSI	BAR	PSI			
6	1/4"	UFC0	13	16	110	10	145	15	218	40	580	0.2
		UFC1	14.5	25		171	2480	257	3720	684	9920	0.31
		UFC2	15.9	25		305	4424	458	6635	1220	17696	0.42
10	3/8"	UFC0	17.8	22	150	5.5	80	8.3	120	22	319	0.29
		UFC1	19.3	40		151	2190	227	3285	604	8760	0.48
		UFC2	20.7	40		260	3771	390	5656	1040	15084	0.67
12	1/2"	UFC0	21.8	24	150	5.5	80	8.3	120	22	319	0.35
		UFC1	23.3	50		114	1653	171	2480	456	6612	0.58
		UFC2	24.7	50		205	2973	308	4460	820	11892	0.81
20	3/4"	UFC0	28	30	200	4.1	59	6.2	89	16.4	236	0.48
		UFC1	30.2	70		90.8	1317	136	1973	363	5268	0.86
		UFC2	32.3	70		150	2176	225	3264	600	8704	1.2
25	1"	UFC0	35	44	200	4.1	59	6.2	89	16.4	236	0.64
		UFC1	37.2	90		79.4	1152	119	1727	318	4608	1.1
		UFC2	39.3	90		120	1740	180	2611	480	6960	1.6
32	1 1/4"	UFC0	46.5	55	250	3.2	46	4.8	70	12.8	184	0.9
		UFC1	48.6	108		59	856	89	1284	236	3424	1.6
		UFC2	50.7	108		89	1291	134	1936	356	5164	2.2
40	1 1/2"	UFC0	54.5	70	250	2.4	35	3.6	52	9.6	140	1.2
		UFC1	56.7	127		46	667	69	1001	184	2668	1.9
		UFC2	58.8	127		71	1030	107	1545	284	4120	2.7
50	2"	UFC0	65.7	90	350	1	15	1.5	22	4	60	1.3
		UFC1	68.4	175		40.2	583	60.3	875	160	2332	2.3
		UFC2	70.9	175		50	725	75	1088	200	2900	3.3
65	2 1/2"	UFC0	85.5	110	410	1	15	1.5	22	4	60	2.00
		UFC1	88.2	200		33.5	486	50.3	729	134	1944	3.3
		UFC2	90.7	200		50	725	75	1088	200	2900	4.6
80	3"	UFC0	97.7	130	450	1	15	1.5	22	4	60	2.5
		UFC1	100	200		28.1	408	42.2	611	112	1632	4
		UFC2	103	200		50	725	75	1088	200	2900	5.5
100	4"	UFC0	127	200	560	0.69	10	1	15	2.76	40	3
		UFC1	129	230		21.5	312	32.3	468	86	1248	4.9
		UFC2	132	230		34	493	51	740	136	1972	6.8
125	5"	UFC0	151	279	711	0.19	3	0.3	4	0.76	12	4.77
		UFC1	153	279		24.1	350	36.2	524	96	1400	6.67
		UFC2	156	279		26.6	385	39.8	578	106	1540	8.57
150	6"	UFC0	178	419	838	0.24	4	0.4	5	0.96	16	8.31
		UFC1	180	419		16.5	240	24.8	359	66	960	9.81
		UFC2	183	419		29.7	430	44.4	644	118	1720	11.3
200	8"	UFC0	230	546	1092	0.19	3	0.3	4	0.76	12	10.98
		UFC1	232	546		18.9	275	28.3	413	75	1100	16.26
		UFC2	234	546		24.1	350	36.21	525	96	1400	21.53
250	10"	UFC0	284	686	1372	0.15	2	0.2	3	0.6	8	12.35
		UFC1	289	686		17.24	250	25.9	375	69	1000	18.86
		UFC2	294	686		25.9	375	38.7	563	103	1500	25.37
300	12"	UFC0	337	813	1626	0.12	2	0.2	3	0.48	8	14.81
		UFC1	343	813		12.4	180	18.6	270	49	720	24.56
		UFC2	349	813		22.1	320	33.1	480	88	1280	34.3