

Bioflex Ultra Sizes, Grades, Bend Radius and Dimensions

Nominal Hose Bore Size		Actual Bore Size		Bioflex Ultra Grade (Braid & Cover)	Helical Wire	O/D of Tube, Braid or Rubber		Minimum Bend Radius		† Maximum Continuous Hose Length	
in	mm	in	mm			in	mm	in	mm	Ft	Mtrs
3/8	9.5	0.375	9.5	TO	-	0.47	12.0	1 3/8	35	100	30
		0.375	9.5	SS	-	0.50	12.8	3/4	19	100	30
		0.375	9.5	RC/BK/SI	-	0.68	17.4	3/4	19	100	30
1/2	15	0.530	13.5	TO	√	0.654	16.4	2 3/8	60	100	30
		0.530	13.5	SS	√	0.700	17.8	1 1/2	38	100	30
		0.530	13.5	PB	√	0.800	20.5	1 1/2	38	100	30
		0.530	13.5	RC/BK/SI	√	0.845	21.4	1 1/2	35	100	30
5/8	16	0.650	16.5	TO	√	0.780	20.1	2 1/2	64	100	30
		0.650	16.5	SS	√	0.850	21.6	1 3/4	45	100	30
		0.650	16.5	PB	√	0.955	24.3	1 3/4	45	100	30
		0.650	16.5	RC/BK/SI	√	0.990	25.2	1 3/4	45	100	30
3/4	20	0.780	19.8	TO	√	0.920	23.4	3	75	100	30
		0.780	19.8	SS	√	0.980	24.9	2	50	100	30
		0.780	19.8	PB	√	1.085	27.6	2	50	100	30
		0.780	19.8	RC/BK/SI	√	1.120	28.5	2	50	100	30
* 7/8	22	0.875	22.2	TO	√	1.040	26.4	3 1/2	90	100	30
		0.875	22.2	SS	√	1.090	27.7	2 1/8	55	100	30
		0.875	22.2	PB	√	1.240	31.5	2 1/8	55	100	30
		0.875	22.2	RC/BK/SI	√	1.260	32.0	2 1/8	55	100	30
1	25	1.030	26.1	TO	√	1.200	30.5	4 3/4	110	100	30
		1.030	26.1	SS	√	1.255	31.9	2 3/4	70	100	30
		1.030	26.1	PB	√	1.455	37.0	2 3/4	70	100	30
		1.030	26.1	RC/BK/SI	√	1.455	37.0	2 3/4	70	100	30
1 1/4	32	1.280	32.5	TO	√	1.490	37.8	5 1/2	140	100	30
		1.280	32.5	SS	√	1.555	39.5	4	100	100	30
		1.280	32.5	PB	√	1.740	44.2	4	100	100	30
		1.280	32.5	RC/BK/SI	√	1.755	44.6	4	100	100	30
* 1 3/8	35	1.375	34.9	TO	√	1.590	40.3	6 1/2	160	100	30
		1.375	34.9	SS	√	1.665	42.3	4	100	100	30
		1.375	34.9	PB	√	1.850	47.0	4	100	100	30
		1.375	34.9	RC/BK/SI	√	1.865	47.4	4	100	100	30
1 1/2	40	1.530	38.8	TO	√	1.750	44.5	7	180	100	30
		1.530	38.8	SS	√	1.840	46.7	5 1/2	140	100	30
		1.530	38.8	PB	√	2.020	51.4	5 1/2	140	100	30
		1.530	38.8	RC/BK/SI	√	2.035	51.7	5 1/2	140	100	30
* 1 7/8	48	1.875	47.6	TO	√	2.145	54.4	11	280	100	30
		1.875	47.6	SS	√	2.220	56.4	6 5/8	170	100	30
		1.875	47.6	PB	√	2.410	61.3	6 5/8	170	100	30
		1.875	47.6	RC/BK/SI	√	2.410	61.3	6 5/8	170	100	30
2	50	2.030	51.5	TO	√	2.320	58.9	12	300	100	30
		2.030	51.5	SS	√	2.390	60.7	8	200	100	30
		2.030	51.5	PB	√	2.575	65.4	8	200	100	30
		2.030	51.5	RC/BK/SI	√	2.580	65.6	8	200	100	30

*The 7/8", 1 3/8" and 1 7/8" hose sizes are only suitable for use with PTFE lined sanitary clamp (or triclover) end fittings and PTFE lined I-Line end fittings.

† Longer lengths may be available to special order