



Chapter 5

Product Dimensions

Snap-Tite Profile and Snap-Tite Solid

Snap-Tite comes in two product lines: Snap-Tite Pro Line and Snap-Tite Solid. Both products feature the patented Snap-Tite joining system which will ensure an easy-to-install, reliable, water-tight seal. Snap-Tite Pro Line is our “profile-wall” piping system. Lighter weight,

yet just as durable, Pro Line offers greater pipe stiffness, specifically 45 PSI. Snap-Tite Solid is constructed of solid-wall polyethylene pipe and provides flexibility for lining obstructed culverts with the possibility of offset joints or slight bends.

Snap-Tite Pro Line

NOMINAL INSIDE DIAMETER	NOMINAL OUTSIDE DIAMETER	AVERAGE PROFILE HEIGHT	AVERAGE PROFILE WIDTH	PROFILE AREA	ALLOWABLE CRUSH LOAD	PIPE STIFFNESS	MAX. PERMISSIBLE PUSH/PULL FORCE
ID	OD	H	W	(in 2/in)	lb/ft2	psi	lbs
10	11.2	0.6	0.74	0.223	4580	46.8	3800
12	13.47	0.736	0.921	0.255	4360	46.9	5100
15	16.85	0.925	1.157	0.309	4220	46.5	7800
18	20.24	1.122	1.402	0.37	4210	47.6	11100
21	23.65	1.327	1.657	0.403	3925	46.7	14100
24	27.06	1.528	1.91	0.461	3925	47.1	18400
27	30.43	1.717	2.146	0.517	3910	47.3	23200
30	33.82	1.910	2.386	.563	3820	46.9	28100
36	40.65	2.323	2.906	.678	3840	48.3	40600
40	45.20	2.598	3.248	.733	3730	47.9	48500
42	47.47	2.736	3.421	.768	3720	48.1	53300

Snap-Tite Solid

	PIPE SDR	1 BS/FT	I.D.	MINIMUM WALL THICKNESS
10" (10.750 OD)	32.5	4.75	10.088	0.331
12" (12.750 OD)	32.5	6.67	11.966	0.392
14.000 OD	32.5	8.05	13.138	0.431
16.000 OD	32.5	10.5	15.016	0.492
18.000 OD	32.5	13.3	16.892	0.554
20.000 OD	32.5	16.41	18.77	0.615
22.000 OD	32.5	19.86	20.646	0.677
24.000 OD	32.5	23.62	22.524	0.738
28.000 OD	32.5	32.19	26.276	0.862
32.000 OD	32.5	42.04	30.03	0.985
36.000 OD	32.5	53.2	33.784	1.108
42.000 OD	32.5	72.37	39.416	1.292
47.244 OD	32.5	91.62	44.336	1.454
54.000 OD	32.5	119.7	50.676	1.662
63.2" OD	32.5	163.46	59.02	1.945