

### SS 15 PHYSICAL DIMENSIONS & STRENGTH CALCULATIONS

Fence Industry	Decimal O.D. Equivalent		Pipe Wall Thickness		Weight		Section Modulus	Minimum Yield Strength	Bending Moment	Calculated Load (lbs.)						
	O.D.	Inches	(mm)	Inches	(mm)	lb./ft.				(kg/m)	inches <sup>2</sup>	psi.	lbs. in.	10' Free Support	Cantilever Load (lbs.)	
		4'	6'													
1 3/8	1.315	33.40	0.072	1.83	0.96	1.43	0.0829	50,000	4144	138						
1 5/8"	1.660	42.16	0.072	1.83	1.22	1.81	0.1367	50,000	6837	228		142	95			
1 7/8"	1.900	48.26	0.072	1.83	1.41	2.09	0.1821	50,000	9107			190	126			
2 3/8"	2.375	60.33	0.072	1.83	1.77	2.63	0.2912	50,000	14559			303	202			