

HT- 40 Physical Dimensions and Strength Characteristics											
Fence Industry	Nominal Pipe Size		Actual O.D.	Min. Wall Thickness	Min. Wt./Ft. (Pounds)	Min. Yield Strength	x	Section Modulus	=	Max. Bending Moment Per In.	Ac
	O.D.	I.D.									
1-5/8"	1-1/4"	1.660	.111	1.84	50,000	x	.1961	=	9,805	327	
2"	1-1/2"	1.900	.120	2.28	50,000	x	.2810	=	14,050	468	
2-1/2"	2"	2.375	.130	3.12	50,000	x	.4881	=	24,405	814	
3"	2-1/2"	2.875	.160	4.64	50,000	x	.8778	=	43,890	1,463	
4"	3-1/2"	4.000	.160	6.56	50,000	x	1.7819	=	89,095	2,969	

Ameristar

Actual Calculated Load (Lbs.)	
Cantilever	
4'	6'
204	135
293	195
508	330
914	610
1,856	1,237