

HT-25 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.	A
	O.D.	I.D.									10' Free Supported
1-5/8"	1-1/4"	1.660	0.0934	1.588	55,000	x	0.1705	=	9,378	313	
2"	1-1/2"	1.900	0.0934	1.831	55,000	x	0.2283	=	12557	418	
2-1/2"	2"	2.375	0.1084	2.638	55,000	x	0.4184	=	23012	767	
3"	2-1/2"	2.875	0.1233	3.531	55,000	x	0.7032	=	38,676	1,289	

Ameristar

Actual Calculated Load (Lbs.)	
Cantilever	
4'	6'
195	130
262	174
479	320
806	537