

**Residential Tubing and Square Ornamental Profiles Available**

SS 15™ Posts	Outside Dimensions (in.)	Pipe Wall Thickness (in.)	Weight (lbs./ft.)	Section Modulus (inches <sup>3</sup> )	Yield Strength (PSI)	Bending Moment (lbs. in.)	Bending Strength (lbs.)	
							4' Cantilever	6' Cantilever
1-5/8" O.D.	1.660	0.072	1.22	0.1367	50,000	6,835	142	95
1-7/8" O.D.	1.900	0.072	1.41	0.1821	50,000	9,104	190	126
2-3/8" O.D.	2.375	0.072	1.77	0.2911	50,000	14,556	303	202
<b>Top Rail</b>							10' Free Supported	
1-3/8" O.D.	1.315	0.072	0.96	0.0829	50,000	4,143	138	
1-5/8" O.D.	1.660	0.072	1.22	0.1367	50,000	6,835	228	

SS 20® Posts	Outside Dimensions (in.)	Pipe Wall Thickness (in.)	Weight (lbs./ft)	Section Modulus (inches <sup>3</sup> )	Yield Strength (PSI)	Bending Moment (lbs. in.)	Bending Strength (lbs.)	
							6' Cantilever	
1-7/8" O.D.	1.900	.090	1.74	0.2212	50,000	11,060	154	
2-3/8" O.D.	2.375	.095	2.32	0.3731	50,000	18,655	259	
2-7/8" O.D.	2.875	.110	3.25	0.6364	50,000	31,820	442	
3-1/2" O.D.	3.500	.110	3.98	0.9627	50,000	48,133	669	
<b>Top Rail</b>							10' Free Supported	
1-3/8" O.D.	1.315	.080	1.06	0.0904	50,000	4,519	151	
1-5/8" O.D.	1.660	.085	1.43	0.1576	50,000	7,880	263	

SS 30® Posts	Outside Dimensions (in.)	Pipe Wall Thickness (in.)	Weight (lbs./ft)	Section Modulus (inches <sup>3</sup> )	Yield Strength (PSI)	Bending Moment (lbs. in.)	Bending Strength (lbs.)	
							6' Cantilever	
1-7/8" O.D.	1.900	.105	2.01	0.2519	50,000	12,595	175	
2-3/8" O.D.	2.375	.115	2.78	0.4402	50,000	22,006	306	
2-7/8" O.D.	2.875	.125	3.66	0.7116	50,000	35,580	494	
3-1/2" O.D.	3.500	.145	5.20	1.231	50,000	61,550	855	
4" O.D.	4.000	.145	5.98	1.6338	50,000	81,690	1134	
<b>Top Rail</b>							10' Free Supported	
1-5/8" O.D.	1.660	.095	1.59	.173	50,000	8,650	288	

SS 40® Posts	Outside Dimensions (in.)	Pipe Wall Thickness (in.)	Weight (lbs./ft)	Section Modulus (inches <sup>3</sup> )	Yield Strength (PSI)	Bending Moment (lbs. in.)	Bending Strength (lbs.)	
							6' Cantilever	
1-7/8" O.D.	1.900	.120	2.28	0.2810	50,000	14,050	195	
2-3/8" O.D.	2.375	.130	3.12	0.4881	50,000	24,405	339	
2-7/8" O.D.	2.875	.160	4.64	0.8778	50,000	43,890	610	
3-1/2" O.D.	3.500	.160	5.71	1.3408	50,000	67,040	931	
4" O.D.	4.000	.160	6.56	1.7819	50,000	89,095	1237	
4-1/2" O.D.	4.500	.160	7.42	2.2859	50,000	114,295	1587	
<b>Top Rail</b>							10' Free Supported	
1-3/8" O.D.	1.315	.104	1.35	0.1110	50,000	5,556	185	
1-5/8" O.D.	1.660	.111	1.84	0.1961	50,000	9,805	327	

**15-Year Limited Warranty** - POLYKOTE® Color Fence Framework is covered by a 15 Year Limited Warranty on defects in workmanship and materials to the original purchaser. No other implied or express warranties are extended. A copy of Allied's warranty is available upon request.

Inventory Locations: Harvey, IL / Philadelphia, PA / Phoenix, AZ  
 For information on Razor Ribbon® brand barbed tape products, please visit [www.razorribbon.com](http://www.razorribbon.com)