



# PT 40

## High-strength Commercial, Industrial and High Security pipe

**USPTM PT 40** is manufactured utilizing our state-of-the-art process that produces pipe that exceeds strict industry standards and easily outperforms Schedule 40 pipe in both yield and bending strength.

**Manufacturing Process** - PT 40 is manufactured using hot rolled steel. A triple layer of OD corrosion protection consisting of a steel-adhered zinc bath, an intermediate conversion coat and a clear vacuum sealed top coat is then added to provide the maximum in protection and durability. The ID is zinc coated prior to forming.

**High-Yield Strength 50,000 PSI Steel** - and triple coat protection results in pipe that is lighter and outperforms Schedule 40 in both yield and bending strength. This unique process means that PT 40 is 37% stronger and 21% lighter than Schedule 40 tubing.

*Made in U.S.A. - All PT 40 product from USPTM is manufactured in the USA and is in compliance with federal, state, and local specifications.*

*Available in Polyester and heavy mil Polyolefin Color Coat.*

*We are a domestic manufacturer of domestic steel products made from only domestic steel sources.*

### Specifications

F-162 Federal Aviation

M-181 AASHTO

UFGS 02821 (supercedes CEGS 02821)

NFGS 02831 Dept. of the Navy

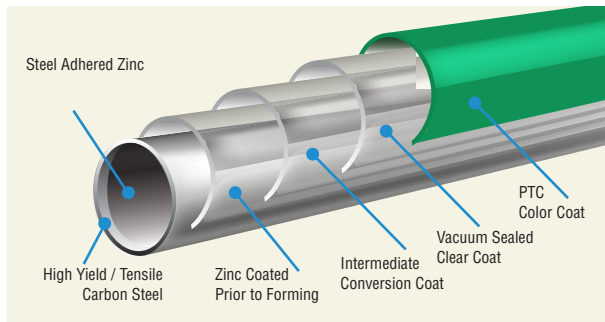
RR F-191 Chain Link Fence Specification

ASTM A513

ASTM A500 Grade B 50,000 Yield

ASTM F-1043 Group IC ASTM A653

ASTM A924



### PT40 vs. Schedule 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 Load	Bundle Counts (pcs.)
1-7/8" O.D.	PT 40	1.900	.120	2.28	0.2810	50,000	14,050	195	61
	Sch 40	1.900	.145	2.72	0.3262	30,000	9,786	136	
2-3/8" O.D.	PT 40	2.375	.130	3.12	0.4881	50,000	24,405	339	37
	Sch 40	2.375	.154	3.65	0.5606	30,000	16,818	234	
2-7/8" O.D.	PT 40	2.875	.160	4.64	0.8778	50,000	43,890	610	19
	Sch 40	2.875	.203	5.79	1.0640	30,000	31,920	443	
3-1/2" O.D.	PT 40	3.500	.160	5.71	1.3408	50,000	67,040	931	19
	Sch 40	3.500	.216	7.58	1.7241	30,000	51,723	718	
4" O.D.	PT 40	4.000	.160	6.56	1.7819	50,000	89,095	1237	19
	Sch 40	4.000	.226	9.11	2.3940	30,000	71,820	998	
Top Rail								10' Supported	
1-5/8" O.D.	PT 40	1.660	.111	1.84	0.1961	50,000	9,805	327	61
	Sch 40	1.660	.140	2.27	0.2350	30,000	7,050	235	

YOUR SOURCE FOR QUALITY STEEL FENCE PIPE AND TUBING

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