

SS 30[®] – High Strength Fence Framework

A domestic product designed for the Heavy Commercial and Industrial Market

SS 30 benefits from three decades of advancement in coating technology pioneered by SS 40[®]. Allied Tube's innovative application process provides the same level of Galvanization and zinc-rich interior in the same quality controlled manner. The result is a triple external coating consisting of 1.0 oz/ft² ± .1oz/ft² of zinc, a conversion coating of 30 micrograms/in² ± 15 micrograms/in², and a clear organic coating. The internal coating has a minimum of 90% by weight zinc powder loading capable of providing galvanic protection.

SS 30's strength and coatings exceed the provisions of ASTM F 1043, *Group IV Standard Specifications for Strength and Protective Coatings on Steel Industrial Chain Link Fence Framework*.

SS 30 is manufactured in the United States. It has greater strength and outperforms standard weight pipe in independent salt spray testing.

SS 30 continues the Allied Tube tradition of providing quality, service, and performance to the fence industry. Inspired by the high-strength performance of SS 40 and with the identical triple layer of corrosion protection, SS 30 has a bending moment exceeding that of Schedule 40 and meets the coating requirements of major federal and state agencies.

Available in super long 38ft. lengths, and in Polykote polyester color coats.

Allied Tube's SS 30 fence pipe is ready to fulfill its role as the quality domestic alternative to standard pipe.

- Perfect for the Commercial / Industrial Fencing Marketplace
- Stronger than Schedule 40
- Outperforms Schedule 40 in ASTM B 117 Salt Spray Tests
- Domestically Manufactured



Allied SS 30 vs. Schedule 40 Comparison Chart

Type	Outside Dimensions (in) (mm)	Pipe Wall Thickness (in) (mm)	Weight Galvanized (lbs / ft) (kg / m)	Section Modulus (inches ³)	Yield Strength (p.s.i.)	Bending Moment (lb. in.)	Bending Strength (lbs)
POST O.D.							6' Cantilever
1-7/8" O.D. SS 30	1.900" 48.30	.105" 2.66	2.01 2.99	0.2519	50,000	12,595	175
1-7/8" O.D. Sch 40	1.900" 48.30	.145" 3.68	2.72 4.05	0.3262	30,000	9,786	136
2-3/8" O.D. SS 30	2.375" 60.30	.115" 2.92	2.78 4.13	0.4402	50,000	22,006	306
2-3/8" O.D. Sch 40	2.375" 60.30	.154" 3.91	3.65 5.44	0.5606	30,000	16,818	234
2-7/8" O.D. SS 30	2.875" 73.00	.125" 3.18	3.66 5.44	0.7116	50,000	35,580	494
2-7/8" O.D. Sch 40	2.875" 73.00	.203" 5.16	5.79 8.62	1.064	30,000	31,920	443
3-1/2" O.D. SS 30	3.500" 88.90	.145" 3.68	5.20 7.74	1.231	50,000	61,550	855
3-1/2" O.D. Sch 40	3.500" 88.90	.216" 5.49	7.58 11.29	1.7241	30,000	51,723	718
4" O.D. SS 30	4.000" 101.60	.145" 3.68	5.98 8.90	1.6338	50,000	81,690	1134
4" O.D. Sch 40	4.000" 101.60	.226" 5.74	9.11 13.57	2.394	30,000	71,816	998
TOP RAIL							10' Free Supported
1-5/8" O.D. SS 30	1.660" 42.20	.095" 2.41	1.59 2.36	0.173	50,000	8,650	288
1-5/8" O.D. Sch 40	1.660" 42.20	.140" 3.56	2.27 3.38	0.235	30,000	7,050	235