

Fence Framework

High Security • Industrial
Commercial • Residential



Wheatland Tube

JMC STEEL GROUP

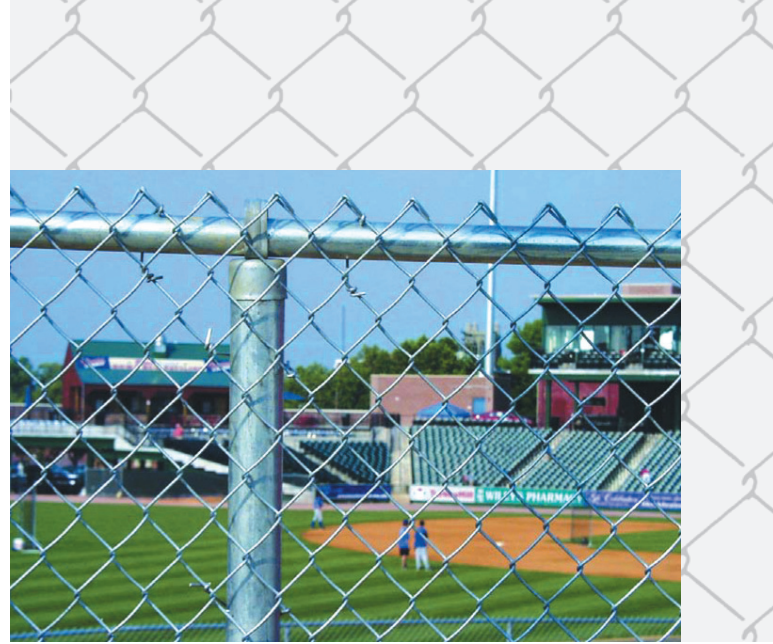
Wheatland Tube: Providing Quality Products and Service for Over 130 Years

Wheatland Tube is the only manufacturer that produces the full range of pipe and tubing for all fence applications. Our regular grade schedule 40 pipe was used as the original specification for all security and industrial fence framework. Today, we supply the broadest line of fence framework in the industry — high security, industrial, commercial and residential applications — products with superior strength and quality, in an unparalleled range of sizes and protective coatings. We stock full inventories of cut-to-length products to assure quick deliveries. And we're the only supplier that offers mixed loads, shipped on the same truck, of high security, industrial, commercial and residential fence pipe, framework and tubing.

High Security, Security and Industrial Fence Framework

Applications: Prisons, military and secure government facilities, highways, bridge fencing, utility and water treatment plants, schools, public play and ball fields, border fence, chemical plants, sea ports, airports, framework and supports for solar panels, basically unlimited applications.

Wheatland Regular Grade schedule 40 pipe is the grandfather of fence framework. Our Regular Grade, 30,000 psi yield steel ASTM F1083 schedule 40 pipe, also listed as ASTM F1043 Group 1A, or our ASTM F1083 schedule 80 pipe, provide the required structural strength for all applications. The 1.8 oz/ft²



hot-dip zinc exterior coating and 1.8 oz/ft² hot-dip zinc interior coating on all schedule 40 and 80 pipe offer unsurpassed corrosion resistance.

Wheatland WT-40 pipe, per ASTM F1043 Group IC, is manufactured from cold rolled steel providing 50,000 psi yield steel strength offering similar strength to Regular Grade schedule 40. WT-40's exterior triple protective coating, consists of a 1.0 oz/ft² hot-dip zinc coating, an intermediate conversion coating and a final polymer clear coating. Its zinc rich interior coating, with a minimum zinc loading of 90 percent, provides the superior corrosion resistance required for security and industrial environments.

Wheatland schedule 40 pipe, per ASTM F1083, and WT-40, per ASTM F1043 Group IC, comply with AASTHO M181, Federal Specification RR-F191/2E and 3E, Army Corps of Engineers UFGS-32 31 13, FAA AC150/5370-10E Item 162. Both products are specified by the Bureau of Federal Prisons and Department of the Navy.





Wheatland WT-30 pipe, made of 50,000 psi yield steel, offers great strength, and is a slightly lighter weight alternative to WT-40. WT-30 complies with ASTM F1043 Group IV and has the same exterior and interior coatings of WT-40.

Commercial Fence Framework

Applications: Manufacturing plants, warehouse centers, commercial centers, office buildings, day care centers, shopping centers, private parks, residential developments, private play areas, high end residential, private schools, interior warehouse fencing, auto dealerships, dog runs and parking lots, and a wide variety of other applications.

Wheatland WT-20 and WT-15 tubing are specifically designed to provide the best strength and corrosion resistance for a commercial environment. WT-20 and WT-15 are manufactured from cold rolled steel to provide 50,000 psi yield strength; both have a triple exterior coating, hot-dip zinc with an intermediate conversion coating and a polymer clear coating, as well as a zinc rich interior coating.

Residential Fence Framework

Applications: Single family residential, pool fencing, temporary fencing, limited pedestrian control and to block public access to non-secure sites.

Wheatland manufactures a full line of high-strength, light wall steel tubing with a triple exterior coating — hot-dip zinc, conversion coating and a clear coat. The interior of the tubing is protected by a zinc rich coating. It's available in diameters from 1 3/8" OD to 2 3/8" OD and in wall thicknesses of 0.065", 0.055" and 0.047".

Square Sections

Applications: Manufactured ornamental panels, posts, railings, gates, custom fence and general decorative applications.

Wheatland's square sections are manufactured from cold rolled steel to provide 50,000 psi yield strength. To ensure the required corrosion resistance, all square sections receive a triple exterior protective coating that consists of a hot-dip zinc coating, a conversion coating and a clear coat. Our square sections also receive a corrosion resistant interior coating.



Color Coatings

Wheatland Polyester TGIC powder coated WT-Color Check™ per ASTM F934 and F1043 in dark green and black is applied over the three exterior coatings to provide even greater corrosion protection. WT-ColorCoat is available on WT-40, WT-30, WT-20, WT-15, Residential Tubing and Squares.

Recyclable

The steel used to produce Wheatland's Fence Framework contains recycled steel and is virtually totally recyclable. Steel is the most recycled material in the world, but the recycling may not take place for some time, because the service life of steel fencing can be very long.

Specifications

Wheatland Tube Company will certify that all Wheatland Fence Framework is manufactured in the USA and is in compliance with applicable local, state and federal specifications. **"MADE IN USA"** is displayed on each length of fence pipe and tube.



Fence Framework Chart

Size and Dimension Range

Product	Fence O.D.	Decimal Equivalent	Wall Thickness	Gauge	Weight lbs/ft	Pieces Lift
Residential	1-3/8	1.315	.047	18	0.64	91
Residential	1-3/8	1.315	.055	17	0.74	91
Residential	1-3/8	1.315	.065	16	0.87	91
WT-15	1-3/8	1.315	.072	15	0.96	91
WT-20	1-3/8	1.315	.080	14	1.06	91
F1083	1-3/8	1.315	.133	SCH. 40	1.68	60
Residential	1-5/8	1.660	.047	18	0.81	61
Residential	1-5/8	1.660	.055	17	0.94	61
Residential	1-5/8	1.660	.065	16	1.11	61
WT-15	1-5/8	1.660	.072	15	1.22	61
WT-20	1-5/8	1.660	.085	14	1.43	61
WT-30	1-5/8	1.660	.095	13	1.59	61
WT-40	1-5/8	1.660	.111	12	1.84	61
F1083	1-5/8	1.660	.140	SCH. 40	2.27	42
Residential	1-7/8	1.900	.047	18	0.93	61
Residential	1-7/8	1.900	.055	17	1.08	61
Residential	1-7/8	1.900	.065	16	1.27	61
WT-15	1-7/8	1.900	.072	15	1.41	61
WT-20	1-7/8	1.900	.090	13	1.74	61
WT-30	1-7/8	1.900	.105	12	2.01	61
WT-40	1-7/8	1.900	.120	11	2.28	61
F1083	1-7/8	1.900	.145	SCH. 40	2.72	36
Residential	2-3/8	2.375	.047	18	1.17	37
Residential	2-3/8	2.375	.055	17	1.36	37
Residential	2-3/8	2.375	.065	16	1.60	37
WT-15	2-3/8	2.375	.072	15	1.77	37
WT-20	2-3/8	2.375	.095	13	2.31	37
WT-30	2-3/8	2.375	.115	11	2.78	37
WT-40	2-3/8	2.375	.130	10	3.12	37
F1083	2-3/8	2.375	.154	SCH. 40	3.65	26
WT-20	2-7/8	2.875	.110	12	3.25	30
WT-30	2-7/8	2.875	.125	10	3.66	30
WT-40	2-7/8	2.875	.160	9	4.64	30
F1083	2-7/8	2.875	.203	SCH. 40	5.80	18
WT-30	3-1/2	3.500	.145	9	5.20	19
WT-40	3-1/2	3.500	.160	8	5.71	19
F1083	3-1/2	3.500	.216	SCH. 40	7.58	14
WT-30	4	4.000	.145	9	5.98	19
WT-40	4	4.000	.160	8	6.56	19
F1083	4	4.000	.226	SCH. 40	9.12	12
F1083	4-1/2	4.500	.237	SCH. 40	10.80	10
F1083	5-9/16	5.563	.258	SCH. 40	14.63	7
F1083	6-5/8	6.625	.280	SCH. 40	18.99	N/A
F1083	8-5/8	8.625	.322	SCH. 40	28.58	N/A

Sizes stenciled ASTM A53 exceed ASTM F1083 requirements.



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Wheatland produces the most complete line of fence framework for high security, industrial, commercial and residential applications — ASTM F1083 schedule 40 hot-dip galvanized pipe; WT-40, WT-30, WT-20, WT-15, .065, .055, .047 and squares for ornamental and custom fence framework.

All Wheatland manufacturing locations' quality management systems are certified to ISO 9001:2008 requirements.

For more information or to check out our trademarked Fence Post Wind Load Calculator, contact Wheatland's Fence Framework Sales Department at 800-343-0124, email: info@wheatland.com or visit our website at www.wheatland.com.



Made in U.S.A.