

A close-up photograph of industrial metal pipes. Two pipes are positioned horizontally in the upper half of the frame, with their circular ends facing the viewer. Below them, a larger pipe runs horizontally across the middle. The background is filled with a complex network of metal pipes and machinery, creating a bokeh effect of light and shadow. The lighting is dramatic, highlighting the metallic textures and the circular openings of the pipes.

Fence Framework



Wheatland Tube

Providing Quality Products and Service for Over 130 Years

Wheatland Tube is one of the largest high-volume national manufacturers of fence framework products.

We are 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 for projects involving high-security, industrial, commercial and residential applications. Our products are highly recognized for their superior strength, quality, and unparalleled range of sizes and protective coatings. We stock full inventories and we're the only supplier that offers mixed loads shipped on the same truck, providing our customers with additional savings on freight and the ability to consolidate purchase orders, invoices and payments.

Wheatland Tube 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. Made & Melted in America, Wheatland Tube's steel pipe and tube satisfy the strictest American Made, Made in America and Buy American Standards.



Galvanizing

Wheatland Tube is unique in that it can offer both hot-dip and in-line galvanized products that meet ASTM standards.

Recyclable

The steel used to produce Wheatland's fence framework contains recycled steel, which is the most recycled material in the world.

The tube products manufactured by Wheatland Tube are produced from approximately 25-85% recycled steel. The amount can vary depending on the steel producer. Of the 25-85% recycled steel, approximately 30% is post-industrial and 70% is post-consumer — depending on fluctuating scrap prices. The American Iron and Steel Institute (AISI) states, "Steel's recycling rate of 66% is far higher than that of any other material, capturing twice as much tonnage as all other materials combined."

Color Coatings

Wheatland's polyester TGIC powder-coated WT-ColorCoat (per ASTM F1043 in dark green, black or brown per ASTM F934) is applied over the galvanized exterior coatings to provide additional corrosion protection. WT-ColorCoat is available on WT-40, WT-20, WT-15, residential tubing and squares.

Value-added Services

Wheatland's goal is to continually work with our customers to educate them on our products and services and follow up to make sure that we are meeting their needs. Our customer service team is committed to building long-term partnerships that are based on high-quality deliverables. Our highly qualified technical team allows us to offer you the expertise in providing solutions for projects of various sizes. We make it our business to understand your business and your priorities. Wheatland offers the most extensive size range of any fence framework manufacturer, including swaged ends. We can ship all of our fence products on a single truckload, reducing deliveries and associated costs.

High-security, Security and Industrial Fence Framework

Schedule 40 per ASTM F1083, WT-40 per ASTM F1043

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.

Schedule 40 per ASTM F1083

Wheatland F1083 is the original specified fence framework used for commercial, industrial and high-security applications. Wheatland is the leading supplier of ASTM F1083 full-weight Schedule 40 domestic fence framework. Wheatland manufactures all F1083 grades; Regular Grade 30,000 psi, High Strength 50,000 psi and Schedule 80. When the specification requires Schedule 40 pipe, Wheatland's F1083 is the clear choice. Our ISO 9001 certified CW facility produces the finest Schedule 40 products in the world and is supported by over 130 years of experience delivering prompt, knowledgeable and personalized service.

- Meets or exceeds the requirements of ASTM F1083
- Meets or exceeds the requirements of ASTM F1043, Group 1A
- Full-weight Schedule 40 wall thickness
- Schedule 40 per ASTM F1083 is pure zinc hot-dip galvanized 1.8 oz./ft² outside, and 1.8 oz./ft² inside (2.0 oz./ft² available)
- Intermediate pretreatment inside and outside for additional protection
- The only Schedule 40 pipe coated with virtually lead-free galvanizing
- Most extensive size range of any fence framework product, 1 $\frac{3}{8}$ "–8 $\frac{5}{8}$ " OD

Certification

Wheatland Tube will certify that all Wheatland F1083 fence pipe is manufactured in the USA and is in compliance with applicable local, state and federal specifications. "WHEATLAND USA ASTM F1083" is proudly displayed on each length of F1083 pipe.

Specifying Agencies

- American Association of State Highway and Transportation Officials (AASHTO) M181—Grade 1
- Federal specifications RR-F-191/2E and RR-F-191/3E
- U.S. Army Corps of Engineers UFGS-32 31 13
- Department of the Navy
- Department of Transportation
- Federal Aviation Administration AC 150/5370-10 Item 162
- U.S. Department of Justice—Federal Bureau of Prisons
- ASTM Specification F1043, Group 1A, Standard Specification for Strength and Protective Coatings
- American Institute of Architects (AIA) MasterSpec®
- ASTM Specification F1083



F1083 Tables

ASTM F1083 Regular Grade 30,000 PSI Yield Schedule 40 Pipe — Dimensions and Strength Characteristics

| FENCE INDUSTRY | DECIMAL OD EQUIVALENT | | PIPE WALL THICKNESS | | WEIGHT | | SECTION MODULUS | | X | MIN. YIELD STRENGTH | | = | MAX. BENDING MOMENT | CALCULATED LOAD (LBS.) | | |
|-------------------|--------------------------|--------|------------------------|------|--------|---------|--------------------|------------------|---|------------------------|-----|---|---------------------------|------------------------|-----------------------|------------|
| | OD | in. | (mm) | in. | (mm) | lb./ft. | (kg/m) | in. ³ | | (mm ³) | psi | | | (MPa) | 10' Free Supported | Cantilever |
| | | | | | | | | | | | | | | | 4' | 6' |
| 1 3/8" | 1.315 | 33.40 | 0.133 | 3.38 | 1.68 | 2.50 | 0.1328 | 3.37 | x | 30000 | 205 | = | 3985 | 133 | 83 | 55 |
| 1 1/2" | 1.660 | 42.16 | 0.140 | 3.56 | 2.27 | 3.38 | 0.2346 | 5.96 | x | 30000 | 205 | = | 7038 | 235 | 147 | 98 |
| 1 5/8" | 1.900 | 48.26 | 0.145 | 3.68 | 2.72 | 4.05 | 0.3262 | 8.29 | x | 30000 | 205 | = | 9786 | 326 | 204 | 136 |
| 2 3/8" | 2.375 | 60.33 | 0.154 | 3.91 | 3.65 | 5.43 | 0.5606 | 14.24 | x | 30000 | 205 | = | 16819 | 561 | 350 | 234 |
| 2 1/2" | 2.875 | 73.03 | 0.203 | 5.16 | 5.80 | 8.62 | 1.0640 | 27.03 | x | 30000 | 205 | = | 31921 | 1064 | 665 | 443 |
| 3 1/2" | 3.500 | 88.90 | 0.216 | 5.49 | 7.58 | 11.28 | 1.7241 | 43.79 | x | 30000 | 205 | = | 51723 | 1724 | 1078 | 718 |
| 4" | 4.000 | 101.60 | 0.226 | 5.74 | 9.12 | 13.56 | 2.3939 | 60.80 | x | 30000 | 205 | = | 71816 | 2394 | 1496 | 997 |
| 4 1/2" | 4.500 | 114.30 | 0.237 | 6.02 | 10.80 | 16.07 | 3.2145 | 81.65 | x | 30000 | 205 | = | 96435 | 3214 | 2009 | 1399 |
| *5 1/16" | 5.563 | 141.30 | 0.258 | 6.55 | 14.63 | 21.77 | 5.4511 | 138.46 | x | 35000 | 240 | = | 190789 | 6359 | 3975 | 2650 |
| *6 5/16" | 6.625 | 168.28 | 0.280 | 7.11 | 18.99 | 28.23 | 8.4958 | 215.79 | x | 35000 | 240 | = | 297353 | 9912 | 6195 | 4130 |
| *8 5/8" | 8.625 | 219.08 | 0.322 | 8.18 | 28.58 | 42.49 | 16.8091 | 426.95 | x | 35000 | 240 | = | 588319 | 19610 | 12257 | 8171 |

*Manufactured to ASTM A53 specifications; exceeds F1083 requirements.

ASTM F1083 High Strength Grade 50,000 PSI Yield Schedule 40 Pipe — Dimensions and Strength Characteristics

| FENCE INDUSTRY | DECIMAL OD EQUIVALENT | | PIPE WALL THICKNESS | | WEIGHT | | SECTION MODULUS | | X | MIN. YIELD STRENGTH | | = | MAX. BENDING MOMENT | CALCULATED LOAD (LBS.) | | |
|-------------------|--------------------------|--------|------------------------|------|--------|---------|--------------------|------------------|---|------------------------|-----|---|---------------------------|------------------------|-----------------------|------------|
| | OD | in. | (mm) | in. | (mm) | lb./ft. | (kg/m) | in. ³ | | (mm ³) | psi | | | (MPa) | 10' Free Supported | Cantilever |
| | | | | | | | | | | | | | | | 6' | 15' |
| 1 5/8" | 1.660 | 42.16 | 0.140 | 3.56 | 2.27 | 3.38 | 0.2346 | 5.96 | x | 50000 | 345 | = | 11730 | 392 | 163 | 65 |
| 1 7/8" | 1.900 | 48.26 | 0.145 | 3.68 | 2.72 | 4.05 | 0.3262 | 8.29 | x | 50000 | 345 | = | 16310 | 543 | 227 | 91 |
| 2 3/8" | 2.375 | 60.33 | 0.154 | 3.91 | 3.65 | 5.43 | 0.5606 | 14.24 | x | 50000 | 345 | = | 28030 | 935 | 389 | 156 |
| 2 1/2" | 2.875 | 73.03 | 0.203 | 5.16 | 5.80 | 8.62 | 1.0640 | 27.03 | x | 50000 | 345 | = | 53200 | 1773 | 739 | 296 |
| 3 1/2" | 3.500 | 88.90 | 0.216 | 5.49 | 7.58 | 11.28 | 1.7241 | 43.79 | x | 50000 | 345 | = | 86205 | 2873 | 1197 | 479 |
| 4 1/2" | 4.500 | 114.30 | 0.237 | 6.02 | 10.80 | 16.07 | 3.2145 | 81.65 | x | 50000 | 345 | = | 160725 | 5357 | 2232 | 893 |
| 5 1/16" | 5.563 | 141.30 | 0.258 | 6.55 | 14.63 | 21.77 | 5.4511 | 138.46 | x | 50000 | 345 | = | 272555 | 9085 | 3785 | 1514 |
| 6 5/16" | 6.625 | 168.28 | 0.280 | 7.11 | 18.99 | 28.23 | 8.4958 | 215.79 | x | 50000 | 345 | = | 424790 | 14160 | 5900 | 2360 |
| 8 5/8" | 8.625 | 219.08 | 0.322 | 8.18 | 28.58 | 42.49 | 16.8091 | 426.95 | x | 50000 | 345 | = | 840455 | 28015 | 11673 | 4669 |

Please contact Fence Sales for mill run schedule. Minimum order quantities may be required.

Specifications, illustrated material and descriptions are accurate as known at time of publication and are subject to change without notice.

**ASTM F1083 Regular Grade 30,000 PSI Yield
Schedule 80 Pipe – Dimensions and Strength Characteristics**

| FENCE INDUSTRY | DECIMAL OD EQUIVALENT | | PIPE WALL THICKNESS | | WEIGHT | | SECTION MODULUS | | X | MIN. YIELD STRENGTH | | = | MAX. BENDING MOMENT | CALCULATED LOAD (LBS.) | | | |
|-------------------|--------------------------|-------|------------------------|-------|--------|---------|--------------------|------------------|--------|------------------------|-------|-----|---------------------------|------------------------|-----------------------|------------|------|
| | OD | in. | (mm) | in. | (mm) | lb./ft. | (kg/m) | in. ³ | | (mm ³) | psi | | | (MPa) | 10' Free Supported | Cantilever | |
| | | | | | | | | | | | | | | | 4' | 6' | |
| | 1 3/8" | 1.315 | 33.40 | 0.179 | 4.55 | 2.17 | 3.23 | 0.1606 | 4.08 | x | 30000 | 205 | = | 4819 | 161 | 100 | 67 |
| | 1 1/2" | 1.660 | 42.16 | 0.191 | 4.85 | 3.00 | 4.46 | 0.2913 | 7.40 | x | 30000 | 205 | = | 8739 | 291 | 182 | 121 |
| | 1 3/4" | 1.900 | 48.26 | 0.200 | 5.08 | 3.63 | 5.40 | 0.4118 | 10.46 | x | 30000 | 205 | = | 12354 | 412 | 257 | 172 |
| | 2 3/8" | 2.375 | 60.33 | 0.218 | 5.54 | 5.03 | 7.49 | 0.7309 | 18.56 | x | 30000 | 205 | = | 21926 | 731 | 457 | 305 |
| | 2 1/2" | 2.875 | 73.03 | 0.276 | 7.01 | 7.67 | 11.41 | 1.3386 | 34.00 | x | 30000 | 205 | = | 40158 | 1339 | 837 | 558 |
| | 3 1/2" | 3.500 | 88.90 | 0.300 | 7.62 | 10.26 | 15.27 | 2.2253 | 56.52 | x | 30000 | 205 | = | 66760 | 2225 | 1391 | 927 |
| | 4 1/2" | 4.500 | 114.30 | 0.337 | 8.56 | 15.00 | 22.32 | 4.2713 | 108.49 | x | 30000 | 205 | = | 128140 | 4271 | 2670 | 1780 |

Specifications, illustrated material and descriptions are accurate as known at time of publication and are subject to change without notice.



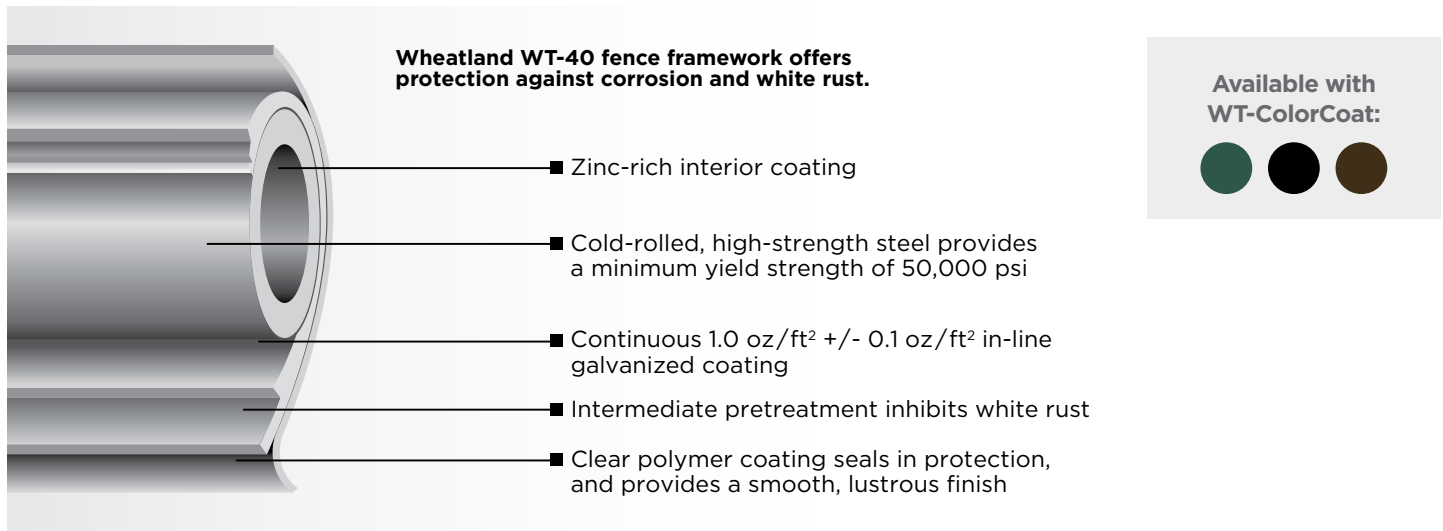
WT-40 per ASTM F1043, Group 1C

Wheatland Tube will certify that all Wheatland WT-40 pipe is manufactured in the USA and is in compliance with applicable local, state and federal specifications. To ensure 100% ASTM compliance and to provide full traceability, each length of pipe is clearly marked every 16-18" with the following information:

WT-40 | WHEATLAND | MADE IN USA | ASTM F1043 | OD | RUN NUMBER | MILL NUMBER | YEAR | DATE | TIME

High-strength Spec Fence Framework

The strength and corrosion characteristics of Wheatland WT-40 fence pipe have been tested, documented and certified by independent testing agencies to ensure complete compliance with ASTM F1043, Group 1C, and AASHTO M181. Wheatland WT-40 fence framework meets or exceeds the most demanding specifications and codes imposed by private, independent and government agencies.



Materials

- 1. Steel** — Steel strip used in the manufacture of Wheatland WT-40 fence pipe shall conform to ASTM A1011 and will meet or exceed all performance criteria set forth in this standard specification.
- 2. Zinc** — Zinc used in Wheatland WT-40 fence pipe shall conform to ASTM B6.
- 3. Intermediate Pretreatment** — An intermediate pretreatment shall be applied in-line to inhibit white rust and enhance corrosion resistance.
- 4. Clear Polymer Coating** — A clear polymer coating shall be applied over the intermediate pretreatment. This polymer coating provides a smooth, lustrous protective finish.
- 5. Heat-set Internal Coating** — A heat-set zinc-rich ID coating.

Weight of Coatings

- 1. Zinc** — Weight of zinc shall be 1.0 oz./ft.² +/- 0.1 oz./ft.² and shall be determined by the method described in ASTM A90.
- 2. Intermediate Pretreatment** — Intermediate pretreatment shall be 30 micrograms/in.² +/- 10 micrograms/in.² and shall be determined by a strip and weigh method utilizing an atomic absorption spectrophotometer or X-ray fluorescence spectrograph.
- 3. Polymer Coating** — Thickness of the clear polymer coating shall be 0.5 mils +/- 0.2 mils and shall be determined by measurement with a suitable magnetic or eddy current coating thickness tester.

Strength Characteristics

- 1. Load Strength** — The strength of line, end, corner and pull posts shall be determined by the use of 4' or 6' cantilevered bend test. The top rail shall be determined by a 10' free-supported beam test.
- 2. Bending Moment** — Pipe strength may be determined via the alternative method of calculating bending moment. (See table.) Conformance can be demonstrated by measuring the yield strength multiplied by the section modulus. The yield strength shall be determined according to the methods described in ASTM E8. For materials under this specification, the 0.2 offset method shall be used in determining yield strength.



Corrosion Resistance

1. Salt Spray

- a. *Exterior Surface*— The exterior clear polymer coating shall have a demonstrated ability to resist 1,000 hours or more of exposure to salt fog with a maximum of 5% red rust. Tests shall be conducted in accordance with ASTM B117.
- b. *Interior Surface*— The interior zinc-rich surface coating shall withstand no less than 650 hours of exposure to salt fog with a maximum of 5% red rust. Tests shall be conducted in accordance with ASTM B117.

2. Humidity— The exterior clear polymer coating of Wheatland WT-40 fence pipe shall resist 500 hours of exposure to 100% relative humidity without signs of blistering or peeling. Tests shall be performed in accordance with ASTM D4585 (D2247).

3. Weatherometer— The clear polymer coating of Wheatland WT-40 fence pipe shall resist failure for no less than 500 hours at a black panel temperature of no less than 145° F. Tests shall be performed in accordance with ASTM G155 Xenon Type BH apparatus (formerly G26) or ASTM G153 Carbon ArcType HH apparatus (formerly G23).

Specifying Agencies

- American Association of State Highway and Transportation Officials (AASHTO) M181— Grade 2
- Federal specifications RR-F-191/2E and RR-F-191/3E
- U.S. Army Corps of Engineers UFGS-32 31 13
- Department of the Navy
- Federal Highway Administration
- Federal Aviation Administration AC 150/5370-10 Item 162
- U.S. Department of Justice— Federal Bureau of Prisons
- ASTM Specification F1043, Group IC, Standard Specification for Strength and Protective Coatings on Steel Industrial Chain Link Fence Framework
- American Institute of Architects (AIA) MasterSpec

WT-40 Dimensions and Strength Characteristics

| FENCE INDUSTRY | DECIMAL OD EQUIVALENT | | PIPE WALL THICKNESS | | WEIGHT | | SECTION MODULUS | | X | MIN. YIELD STRENGTH | | = | MAX. BENDING MOMENT | CALCULATED LOAD (LBS.) | | |
|----------------|-----------------------|--------|---------------------|------|--------|---------|-----------------|------------------|---|---------------------|-----|---|---------------------|------------------------|--------------------|------------|
| | OD | in. | (mm) | in. | (mm) | lb./ft. | (kg/m) | in. ³ | | (mm ³) | psi | | | (MPa) | 10' Free Supported | Cantilever |
| | | | | | | | | | | | | | | 4' | 6' | |
| 1 5/8" | 1.660 | 42.16 | 0.111 | 2.82 | 1.84 | 2.74 | 0.1962 | 4.98 | x | 50000 | 345 | = | 9810 | 327 | 204 | 136 |
| 1 7/8" | 1.900 | 48.26 | 0.120 | 3.05 | 2.28 | 3.39 | 0.2810 | 7.14 | x | 50000 | 345 | = | 14050 | 468 | 293 | 195 |
| 2 3/8" | 2.375 | 60.33 | 0.130 | 3.30 | 3.12 | 4.64 | 0.4881 | 12.40 | x | 50000 | 345 | = | 24405 | 814 | 508 | 339 |
| 2 7/8" | 2.875 | 73.03 | 0.160 | 4.06 | 4.64 | 6.91 | 0.8778 | 22.30 | x | 50000 | 345 | = | 43890 | 1463 | 914 | 610 |
| 3 1/2" | 3.500 | 88.90 | 0.160 | 4.06 | 5.71 | 8.50 | 1.3408 | 34.06 | x | 50000 | 345 | = | 67042 | 2235 | 1397 | 931 |
| 4" | 4.00 | 101.60 | 0.160 | 4.06 | 6.56 | 9.76 | 1.7820 | 45.26 | x | 50000 | 345 | = | 89098 | 2970 | 1856 | 1237 |

6 3/8" and 8 3/8" full-weight Schedule 40 per ASTM F1083 is available for terminal post applications. Specifications, illustrated material and descriptions are accurate as known at time of publication and are subject to change without notice.

Commercial Fence Framework

WT-20 and WT-15

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, parking lots and a wide variety of other applications.

WT-20

Wheatland WT-20 fence framework is the ideal pipe for industrial and commercial jobs. Wheatland’s advanced in-line coating process ensures the highest standard of corrosion resistance. WT-20 high-strength steel guarantees performance to meet your customers’ needs. You can count on it!

Certification

Wheatland Tube will certify that all Wheatland WT-20 pipe is manufactured in the USA.

“WT-20 MADE IN USA” is proudly displayed on each length of WT-20 pipe.



WT-20 Performance Specifications

| | |
|---------------------|---|
| Strength | 50,000 psi yield strength (minimum) certification |
| Appearance | Permanent smooth, high-shine, clear polymer-coated galvanized finish |
| Durability | Meets or exceeds the following specifications: ASTM B117 300-hour salt fog test ASTM D1499 500-hour weathering test ASTM D2247 500-hour humidity test |
| Availability | Available in cut posts, 21' and 24' lengths Special lengths up to 42' upon request for fast-track shipment |

WT-20 Dimensions and Strength Characteristics

| FENCE INDUSTRY | DECIMAL OD EQUIVALENT | | PIPE WALL THICKNESS | | WEIGHT | | SECTION MODULUS | | X | MIN. YIELD STRENGTH | | = | MAX. BENDING MOMENT | CALCULATED LOAD (LBS.) | | |
|----------------|-----------------------|-------|---------------------|------|--------|---------|-----------------|------------------|---|---------------------|-----|---|---------------------|------------------------|---------|--------------------|
| | OD | in. | (mm) | in. | (mm) | lb./ft. | (kg/m) | in. ³ | | (mm ³) | psi | | | (MPa) | lb./in. | 10' Free Supported |
| | | | | | | | | | | | | | | | 4' | 6' |
| 1 3/8" | 1.315 | 33.40 | 0.080 | 2.03 | 1.06 | 1.57 | 0.0904 | 2.30 | x | 50000 | 345 | = | 4520 | 151 | 94 | 63 |
| 1 5/8" | 1.660 | 42.16 | 0.085 | 2.16 | 1.43 | 2.13 | 0.1576 | 4.00 | x | 50000 | 345 | = | 7880 | 263 | 164 | 109 |
| 1 7/8" | 1.900 | 48.26 | 0.090 | 2.29 | 1.74 | 2.59 | 0.2212 | 5.62 | x | 50000 | 345 | = | 11060 | 369 | 230 | 154 |
| 2 3/8" | 2.375 | 60.33 | 0.095 | 2.41 | 2.32 | 3.45 | 0.3730 | 9.47 | x | 50000 | 345 | = | 18650 | 622 | 389 | 259 |
| 2 7/8" | 2.875 | 73.03 | 0.110 | 2.79 | 3.25 | 4.84 | 0.6362 | 16.16 | x | 50000 | 345 | = | 31810 | 1060 | 663 | 442 |

Specifications, illustrated material and descriptions are accurate as known at time of publication and are subject to change without notice.



WT-15

Wheatland WT-15 fence framework is the ideal pipe for light industrial and commercial jobs. Wheatland's advanced in-line coating process ensures the highest standard of corrosion resistance. WT-15 high-strength steel is guaranteed to meet or exceed your customers' needs. You can count on it!

Certification

Wheatland Tube will certify that all Wheatland WT-15 pipe is manufactured in the USA.

"WT-15 MADE IN USA" is proudly displayed on each length of WT-15 pipe.

Available with
WT-ColorCoat:



WT-15 Performance Specifications

| | |
|---------------------|---|
| Strength | 50,000 psi yield strength (minimum) certification |
| Appearance | Permanent smooth, high-shine, clear polymer-coated galvanized finish |
| Durability | Meets or exceeds the following specifications: ASTM B117 300-hour salt fog test ASTM D1499 500-hour weathering test ASTM D2247 500-hour humidity test |
| Availability | Available in cut posts, 21' and 24' lengths Special lengths upon request for fast-track shipment |

WT-15 Dimensions and Strength Characteristics

| FENCE INDUSTRY | DECIMAL OD EQUIVALENT | | PIPE WALL THICKNESS | | WEIGHT | | SECTION MODULUS | | x | MIN. YIELD STRENGTH | | = | MAX. BENDING MOMENT | CALCULATED LOAD (LBS.) | | |
|-------------------|--------------------------|-------|------------------------|------|--------|---------|--------------------|------------------|---|------------------------|-----|---|---------------------------|------------------------|---------|-----------------------|
| | OD | in. | (mm) | in. | (mm) | lb./ft. | (kg/m) | in. ³ | | (mm ³) | psi | | | (MPa) | lb./in. | 10' Free Supported |
| | | | | | | | | | | | | | | | 4' | 6' |
| 1½" | 1.315 | 33.40 | 0.072 | 1.83 | 0.96 | 1.42 | 0.0829 | 2.11 | x | 50000 | 345 | = | 4145 | 138 | 86 | 58 |
| 1⅝" | 1.660 | 42.16 | 0.072 | 1.83 | 1.22 | 1.82 | 0.1367 | 3.47 | x | 50000 | 345 | = | 6835 | 228 | 142 | 95 |
| 1⅞" | 1.900 | 48.26 | 0.072 | 1.83 | 1.41 | 2.09 | 0.1921 | 4.63 | x | 50000 | 345 | = | 9605 | 320 | 200 | 133 |
| 2⅜" | 2.375 | 60.33 | 0.072 | 1.83 | 1.77 | 2.63 | 0.2911 | 7.39 | x | 50000 | 345 | = | 14555 | 485 | 303 | 202 |

WT-15 is available in standard lengths of 21' and 24'. Special lengths up to 42' are available upon request.

Specifications, illustrated material and descriptions are accurate as known at time of publication and are subject to change without notice.



Residential Fence Framework

Applications — Single-family residential, pool fencing and temporary fencing for 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 — in-line galvanized, intermediate pretreatment and a clear coat. The interior of the tubing is protected by a zinc-rich coating. It's available in diameters from 1 $\frac{3}{8}$ " to 2 $\frac{3}{8}$ " OD and in wall thicknesses of 0.065", 0.055" and 0.047".

Available with
WT-ColorCoat:



Residential Fence Framework Chart

Size and Dimension Range

| PRODUCT | FENCE OD | DECIMAL EQUIVALENT | WALL THICKNESS | GAUGE | WEIGHT (LBS./FT.) |
|-------------|-------------------|--------------------|----------------|-------|-------------------|
| Residential | 1 $\frac{3}{8}$ " | 1.315 | 0.047 | 18 | 0.64 |
| Residential | 1 $\frac{3}{8}$ " | 1.315 | 0.055 | 17 | 0.74 |
| Residential | 1 $\frac{3}{8}$ " | 1.315 | 0.065 | 16 | 0.87 |
| WT-15 | 1 $\frac{3}{8}$ " | 1.315 | 0.072 | 15 | 0.96 |
| Residential | 1 $\frac{5}{8}$ " | 1.660 | 0.047 | 18 | 0.81 |
| Residential | 1 $\frac{5}{8}$ " | 1.660 | 0.055 | 17 | 0.94 |
| Residential | 1 $\frac{5}{8}$ " | 1.660 | 0.065 | 16 | 1.11 |
| WT-15 | 1 $\frac{5}{8}$ " | 1.660 | 0.072 | 15 | 1.22 |
| Residential | 1 $\frac{7}{8}$ " | 1.900 | 0.047 | 18 | 0.93 |
| Residential | 1 $\frac{7}{8}$ " | 1.900 | 0.055 | 17 | 1.08 |
| Residential | 1 $\frac{7}{8}$ " | 1.900 | 0.065 | 16 | 1.27 |
| WT-15 | 1 $\frac{7}{8}$ " | 1.900 | 0.072 | 15 | 1.41 |
| Residential | 2 $\frac{3}{8}$ " | 2.375 | 0.047 | 18 | 1.17 |
| Residential | 2 $\frac{3}{8}$ " | 2.375 | 0.055 | 17 | 1.36 |
| Residential | 2 $\frac{3}{8}$ " | 2.375 | 0.065 | 16 | 1.60 |
| WT-15 | 2 $\frac{3}{8}$ " | 2.375 | 0.072 | 15 | 1.77 |

Square and Rectangular Tubing

Galvanized Steel Tubing for Ornamental Fencing and Custom Framework Applications

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

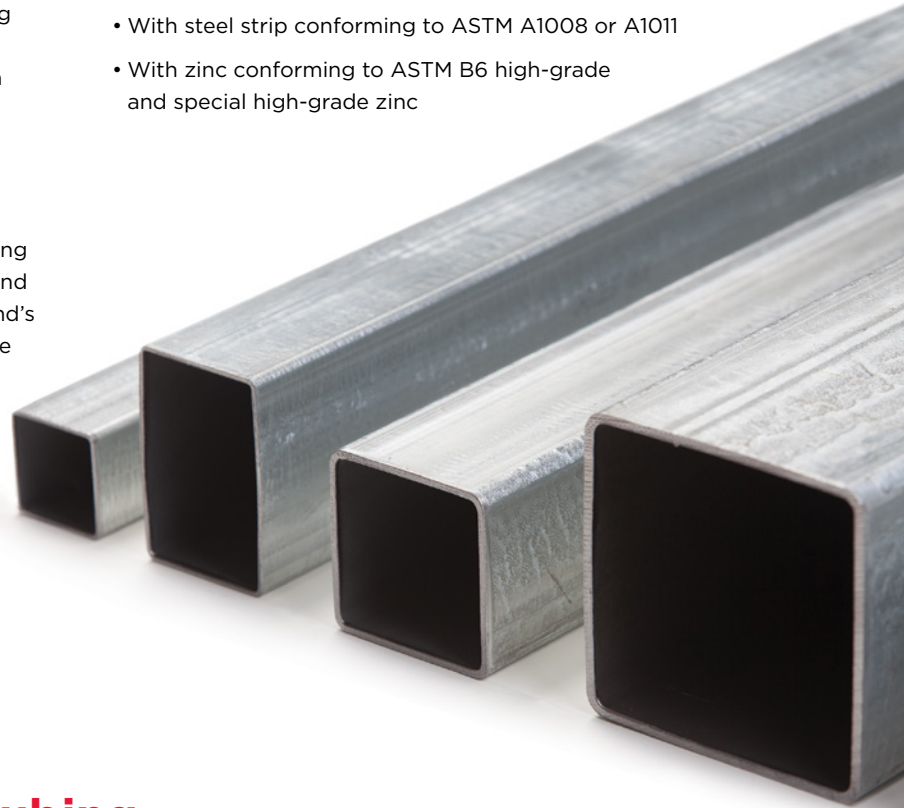
Wheatland's square sections are manufactured in accordance with ASTM F2589. All shapes receive a triple exterior coating that consists of an in-line galvanized coating, intermediate pretreatment and clear coat. The interior is protected with a zinc-rich coating.

Wheatland tubing is manufactured with the highest-quality steel and forming processes to ensure strength, beauty and construction integrity. Wheatland's galvanized square and rectangle products are protected with a clear polymer coating that provides excellent adhesion properties for most paint and powder coatings. Painting or powder coating over Wheatland's galvanized steel tubing provides greater corrosion resistance than coating over non-galvanized steel tubing.

Wheatland's square and rectangle products are conveniently available at our Chicago facilities for distribution in mixed truckload shipments with our other residential, commercial and industrial products.

Wheatland Square Tube Products Are Manufactured:

- With steel strip conforming to ASTM A1008 or A1011
- With zinc conforming to ASTM B6 high-grade and special high-grade zinc



Available with
WT-ColorCoat:



Square and Rectangular Tubing

| SHAPE | SIZE | GAUGE | PIECES/BUNDLE | LENGTH |
|--------|--------|-------|---------------|--------|
| Square | 0.750" | 18 | 180 | 24' |
| Square | 0.750" | 16 | 180 | 24' |
| Square | 1.00" | 16 | 180 | 24' |
| Square | 1.25" | 16 | 144 | 24' |
| Square | 1.50" | 16 | 81 | 24' |
| Square | 2.00" | 16 | 25 | 24' |
| Square | 2.00" | 14 | 25 | 24' |
| Square | 2.50" | 14 | 25 | 24' |
| Square | 2.50" | 12 | 25 | 24' |
| Square | 3.00" | 14 | 25 | 24' |
| Square | 3.00" | 11 | 25 | 24' |
| Square | 4.00" | 13 | 16 | 24' |
| Square | 4.00" | 11 | 16 | 24' |

Rectangle sizes from 0.75" x 1.5" through 2" x 4" are available. Contact us for stock availability on these and special sizes and lengths. Other sizes are available upon request. If you require larger sizes, heavy wall or hollow structural sections, visit our sister company, Atlas Tube (atlastube.com). Specifications, illustrated material and descriptions are accurate as known at time of publication and are subject to change without notice. All tubular products are produced in accordance with ASTM A513 and ASTM A500. In-line galvanized coatings produced in accordance with ASTM 1057.



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About Wheatland Tube

Wheatland Tube, a division of Zekelman Industries, produces a wide range of steel tubular products, including standard steel pipe, galvanized mechanical tubing, fence framework, fire sprinkler pipe, electrical conduit, elbows, couplings and nipples.

For more information, contact Wheatland Tube at:

800.257.8182 or **info@wheatland.com**

Or, visit our website at wheatland.com

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