

# WT-20: Commercial/Light Industrial Framework

## 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!

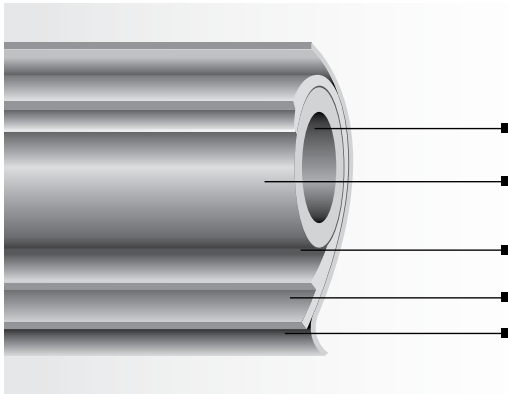
## Certification

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.

## Availability

Wheatland Tube is committed to a full complement of finished inventory. Our high-speed material-handling capabilities enable us to react to special length requests with exceptional order fill rates. Wheatland's WT-20 is Made in the USA.

Wheatland's state-of-the-art manufacturing process and coatings ensure that WT-20 will stand up to the toughest elements. Wheatland offers a complete line of commercial framework products to help minimize your inventory cost. Wheatland is the only framework manufacturer that can combine your needs for WT-20 on the same truck with the full range of fence framework from residential tubing to full-weight Schedule 40 hot-dip galvanized F1083 pipe.



## Wheatland WT-20 fence framework offers protection against corrosion and white rust.

- **90% zinc-rich interior coating**
- **Cold-rolled, high-strength steel** provides a minimum yield strength of 50,000 psi
- **Continuous hot-dip galvanized coating**
- **Intermediate conversion coating** inhibits white rust
- **Clear polymer coating** seals in protection, and provides a smooth, lustrous finish

## WT-20 Performance Specifications

<b>Strength</b>	50,000 psi yield strength (minimum) certification
<b>Appearance</b>	Permanent smooth, high-shine, clear polymer-coated galvanized finish
<b>Durability</b>	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
<b>Availability</b>	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. <sup>3</sup>					(mm <sup>2</sup> )	psi	(MPa)	10' Free Supported
												lb./in.	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 1/2"	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 1/8"	2.375	60.33	0.095	2.41	2.32	3.45	0.3730	9.47	x	50000	345	=	18650	622	389	259
2 1/2"	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.

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