



# Texas Tubular Products

*American strength. Texas pride*

## ASTM A500 Grade B

<b>Chemical Requirements---Composition, max %</b>				
<u>Carbon</u>	<u>Manganese</u>	<u>Phosphorus</u>	<u>Sulfur</u>	<u>Copper</u>
0.26a	1.35a	0.035	0.035	0.20b

\*a--For each reduction of 0.01 percentage point below the specified maximum of carbon, an increase of 0.06 percentage point above the specified maximum for manganese is permitted, up to a maximum of 1.50% by heat analysis and 1.60% by product analysis.

\*b--If copper containing steel is specified in the purchase order, represents "minimum" %.

<b>Mechanical Properties - Rounds</b>	
GRADE	A500B
YIELD, min. PSI	42,000
TENSILE, min. PSI	58,000
ELONGATION in 2" min.	23%*

\*Applies to wall thicknesses equal to or greater than 0.180 inches. For lighter specified wall thickness, the minimum elongation values shall be calculated by the formula: percent elongation in 2 in. =  $61t + 12$ , rounded to the nearest percent.