



Texas Tubular Products

American strength. Texas pride

ASTM A53 Type E Grade B

Chemical Requirements---Composition, max %								
Carbon	Manganese	Phosphorus	Sulfur	Copper	Nickel	Chromium	Moly	Vanadium
0.30c	1.2	0.05	0.045	0.40a	0.40a	0.40a	0.15a	0.08a

*a--The total composition for these five elements shall not exceed 1.00%.

*c--For each reduction of 0.01% below the specified carbon maximum, an increase of 0.06% manganese above the specified maximum will be permitted up to a maximum of 1.65%.

Mechanical Properties	
GRADE	A53B
YIELD, min. PSI	35,000
TENSILE, min. PSI	60,000
ELONGATION % in 2" min.	Table 2 ASTM A53/A53M

ASTM A53 Grade B - Test Pressure			
OD	Wall	Weight	PSI
3 1/2	0.216	7.58	2500
4 1/2	0.237	10.80	2210
5 9/16	0.258	14.63	1950
6 5/8	0.280	18.99	1780
8 5/8	0.322	28.58	1570