

Material Properties	Imperial	Metric
Yield Stress (min) (psi [kPa])	110,000	758,423
Yield Stress (max) (psi [kPa])	140,000	965,266
Tensile Stress (min) (psi [kPa])	125,000	861,845
Hardness (max) (HRC [HBW])	N/A	N/A
Pipe Dimensions & Weight		
Outside Diameter, Nominal (in [mm])	2.375	60.33
Weight, Nominal (lbm/ft [kg/m])	4.70	6.99
Wall Thickness, Nominal (in [mm])	0.190	4.83
Inside Diameter, Nominal (in [mm])	1.995	50.67
API Drift Diameter (in [mm])	1.851	47.02
Alternate Drift Diameter (in [mm])	N/A	N/A
Cross Section, Nominal (sq.in. [mm ²])	1.304	841.29
Pipe Load Capacities		
Tensile Yield (lbf [N])	143,400	637,875
Internal Yield Pressure (psi [kPa])	15,400	106,179
Collapse Pressure (psi [kPa])	16,130	111,212
Hydrostatic Test Pressure (psi [kPa])	10,000	68,948
Connection Dimensions		
Connection OD (in [mm])	2.700	68.58
Connection ID (in [mm])	1.945	49.40
Make-up Loss (in [mm])	2.310	58.67
Threads per Inch (pitch [mm])	8.000	3.18
Connection Torque Capacities		
Minimum Make-up (lbf-ft [N.m])	1,700	2,300
Recommended Make-up (lbf-ft [N.m])	2,000	2,710
Maximum Make-up (lbf-ft [N.m])	2,200	2,980
Recommended Rotating (lbf-ft [N.m])	4,080	5,532
Yield (lbf-ft [N.m])	4,800	6,508

SIZE: 2.375 in. [60.33]
WEIGHT: 4.7 lbm/ft [6.99]
GRADE: P-110
CONNECTION: TTS-8
Two-Step, Upset-end, Gas-tight

Connection Load Capacities	
Tensile Efficiency (% of pipe Body)	100%
Internal Yield Pressure (% of pipe Body)	100%
External yield pressure (% of pipe Body)	100%
Compression Efficiency (% of pipe Body)	100%
Bending rate, Pipe body (°/100 ft)	212°



Connection Load and Torque capacity values are extrapolated from tested sizes, weights and grades.

Inspection Criteria: All the material is inspected to 5% Test notch inspection for OD/ID, Long/Trans and wall check per API/ASTM requirements though EMI/SEA.

Definitions

1. Yield Torque - Pressure seal is no more guaranteed.
2. Rotating Torque - Recommended maximum torque when rotating the string, often the Yield Torque with a Safety Factor applied (85% of Yield Torque).
3. Tensile Yield - Maximum weight that can be pulled on the string.

Note: All the information provided is general data. This is not any kind of warranty/quality certificate. Tejas Tubular has the right to change this data at any time for product improvement. This is a non-controlled document. TTRS1, TTRS1-HT, TTXS, TTXS-HT, TTTY, TTTY-HT, TTUS, TTUS-HT, TTS-8, TTS-8 CI, TTS-8 CIGL, TTS-6, TTIB, TTFJ and the Tejas Tubular logo are marks of Tejas Tubular Products, Inc.

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