

Material	Imperial	Metric
Yield Stress (min) (psi [kPa])	80,000	551,581
Yield Stress (max) (psi [kPa])	95,000	655,002
Tensile Stress (min) (psi [kPa])	95,000	655,002
Hardness (max) (HRC [HBW])	23	241
Pipe Body Data		
Outside Diameter, Nominal (in [mm])	3.500	88.90
Weight, Nominal (lbm/ft [kg/m])	9.30	13.84
Wall Thickness, Nominal (in [mm])	0.254	6.45
Inside Diameter, Nominal (in [mm])	2.992	76.00
API Drift Diameter (in [mm])	2.867	72.82
Alternate Drift Diameter (in [mm])	N/A	N/A
Cross Section, Nominal (sq.in. [mm ²])	2.590	1670.96
Pipe Performance		
Tensile Yield (lbf [N])	207,200	921,671
Internal Yield Pressure (psi [kPa])	10,160	70,051
Collapse Pressure (psi [kPa])	10,540	72,671
Hydrostatic Test Pressure (psi [kPa])	9,300	64,121
Connection Data		
Connection OD (in [mm])	3.905	99.19
Connection ID (in [mm])	2.915	74.04
Make-up Loss (in [mm])	2.840	72.14
Threads per Inch (pitch [mm])	8.000	3.18
Torques (Make-Up, Operational, Yield)		
Minimum (lbf-ft [N.m])	3,000	4,070
Optimum (lbf-ft [N.m])	3,400	4,610
Maximum (lbf-ft [N.m])	3,800	5,150
Max Operational, 1.176 S.F. (lbf-ft [N.m])	N/A	N/A
Yield (lbf-ft [N.m])	N/A	N/A

SIZE: 3.5 in. [88.9]
WEIGHT: 9.3 lbm/ft [13.84]
GRADE: L-80
CONNECTION: TTS-8
Metal to Metal Seal

Connection Performance	
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, with sealability (°/100 ft)	20°



Inspection Criteria: All the material is inspected to 10% Test notch inspection for OD/ID, Long/Trans and wall check per API/ASTM requirements though EMI/SEA.

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. TTS-8 and Tejas Tubular logo are marks of Tejas Tubular Products, Inc.

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