

Material	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 Body Data		
Outside Diameter, Nominal (in [mm])	5.500	139.70
Weight, Nominal (lbm/ft [kg/m])	17.00	25.30
Wall Thickness, Nominal (in [mm])	0.304	7.72
Inside Diameter, Nominal (in [mm])	4.892	124.26
API Drift Diameter (in [mm])	4.767	121.08
Alternate Drift Diameter (in [mm])	N/A	N/A
Cross Section, Nominal (sq.in. [mm <sup>2</sup> ])	4.962	3201.28
Pipe Performance		
Tensile Yield (lbf [N])	545,820	2,427,927
Internal Yield Pressure (psi [kPa])	10,640	73,360
High Collapse Pressure (psi [kPa])	10,140	69,913
Hydrostatic Test Pressure (psi [kPa])	10,000	68,948
Connection Data		
Connection OD (in [mm])	6.300	160.02
Special Clearance OD (in [mm])	N/A	N/A
Connection ID (in [mm])	4.892	124.26
Coupling Length (min) (in [mm])	8.250	209.55
Make-up Loss (in [mm])	4.125	104.78
Threads per Inch (pitch [mm])	5.000	5.08
Torques (Make-Up, Operational, Yield)		
Minimum (lbf-ft [N.m])	6,800	9,220
Optimum (lbf-ft [N.m])	7,200	9,762
Maximum (lbf-ft [N.m])	13,000	17,626
Max Operational, 1.176 S.F. (lbf-ft [N.m])	14,456	19,599
Yield (lbf-ft [N.m])	17,000	23,049

SIZE: 5.5 in. [139.7]  
 WEIGHT: 17 lbm/ft [25.3]  
 GRADE: HCP-110  
 CONNECTION: TTXS

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°



All connection performance and torque values are calculated (to be verified by testing).

**Inspection Criteria:** All the material is inspected to 5% Test notch inspection for OD/ID, Long/Trans and wall check as 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. TTXS and Tejas Tubular logo are marks of Tejas Tubular Products, Inc.

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