

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])	N/A	N/A
Pipe Body Data		
Outside Diameter, Nominal (in [mm])	5.500	139.70
Weight, Nominal (lbm/ft [kg/m])	23.00	34.23
Wall Thickness, Nominal (in [mm])	0.415	10.54
Inside Diameter, Nominal (in [mm])	4.670	118.62
API Drift Diameter (in [mm])	4.545	115.44
Alternate Drift Diameter (in [mm])	N/A	N/A
Cross Section, Nominal (sq.in. [mm ²])	6.630	4277.41
Pipe Performance		
Tensile Yield (lbf [N])	530,400	2,359,336
Internal Yield Pressure (psi [kPa])	10,560	72,809
High Collapse Pressure (psi [kPa])	12,777	88,094
Hydrostatic Test Pressure (psi [kPa])	9,700	66,879
Connection Data		
Connection OD (in [mm])	6.050	153.67
Special Clearance OD (in [mm])	N/A	N/A
Connection ID (in [mm])	4.670	118.62
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])	8,000	10,847
Optimum (lbf-ft [N.m])	8,400	11,389
Maximum (lbf-ft [N.m])	10,000	13,558
Max Operational, 1.176 S.F. (lbf-ft [N.m])	16,582	22,482
Yield (lbf-ft [N.m])	19,500	26,438

SIZE: 5.5 in. [139.7]
 WEIGHT: 23 lbm/ft [34.23]
 GRADE: HCL-80
 CONNECTION: TTXS

Connection Performance	
Tensile Efficiency (% of pipe Body)	86%
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 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. TTXS and Tejas Tubular logo are marks of Tejas Tubular Products, Inc.

Technical Support:

8799 North Loop East, Suite 300
Houston, TX 77029

Local: 713-631-0071 • Toll Free: 1-800-469-7549
licenseesupport@tejastubular.com

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www.tejastubular.com