

SIZE: 7 in. [177.8]
 WEIGHT: 26 lbm/ft [38.69]
 GRADE: HCP-110
 CONNECTION: TTRS1
 High Collapse

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])	7.000	177.80
Weight, Nominal (lbm/ft [kg/m])	26.00	38.69
Wall Thickness, Nominal (in [mm])	0.362	9.19
Inside Diameter, Nominal (in [mm])	6.276	159.41
API Drift Diameter (in [mm])	6.151	156.24
Alternate Drift Diameter (in [mm])	N/A	N/A
Cross Section, Nominal (sq.in. [mm ²])	7.549	4870.31
Pipe Performance		
Tensile Yield (lbf [N])	830,400	3,693,802
Internal Yield Pressure (psi [kPa])	9,960	68,672
Collapse Pressure (psi [kPa])	8,630	59,502
Hydrostatic Test Pressure (psi [kPa])	9,100	62,742
Connection Data		
Connection OD (in [mm])	7.875	200.03
Special Clearance OD (in [mm])	N/A	N/A
Connection ID (in [mm])	6.276	159.41
Coupling Length (min) (in [mm])	10.000	254.00
Make-up Loss (in [mm])	4.500	114.30
Threads per Inch (pitch [mm])	5.000	5.08
Torques (Make-Up, Operational, Yield)		
Minimum (lbf-ft [N.m])	9,900	13,420
Optimum (lbf-ft [N.m])	10,300	13,960
Maximum (lbf-ft [N.m])	11,700	15,860
Max Operational, 1.176 S.F. (lbf-ft [N.m])	25,510	34,590
Yield (lbf-ft [N.m])	30,000	40,670

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°



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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 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. TTRS and Tejas Tubular logo are marks of Tejas Tubular Products, Inc.

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