

Material Properties	Imperial	Metric
Yield Stress, Minimum (psi [kPa])	80,000	551,581
Yield Stress, Maximum (psi [kPa])	95,000	655,002
Tensile Stress, Minimum (psi [kPa])	95,000	655,002
Hardness, Maximum (HRC [HBW])	23	241

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])	1.901	48.29
Tool Joint Drift Diameter (in [mm])	1.851	47.02
Upset-End Diameter, Minimum (in [mm])	2.819	71.60
Upset-End Length, Minimum (in [mm])	4.250	107.95
Cross Section, Nominal (sq.in. [mm ²])	1.304	841.29

Pipe Load Capacities		
Tensile Yield (lbf [N])	104,300	463,949
Internal Yield Pressure (psi [kPa])	11,200	77,221
Collapse Pressure (psi [kPa])	11,780	81,220
Torsional Yield (lbf-ft [N.m])	5,080	6,890
Hydrostatic Test Pressure (psi [kPa])	10,000	68,948
Bending rate (°/100 ft [°/30 m])	154	152

Connection Dimensions		
Connection OD (in [mm])	2.700	68.58
Special Clearance OD (in [mm])	2.655	67.44
Connection ID (in [mm])	1.945	49.40
Coupling Length, Minimum (in [mm])	N/A	N/A
Make-up Loss (in [mm])	2.310	58.67
Threads per Inch (pitch [mm])	8.000	3.18

Connection Torque Capacities		
Low Shoulder Torque (lbf-ft [N.m])	250	340
High Shoulder Torque (lbf-ft [N.m])	1,250	1,690
Minimum Make-up Torque (lbf-ft [N.m])	1,500	2,030
Optimum Make-up Torque (lbf-ft [N.m])	1,700	2,300
Maximum Make-up Torque (lbf-ft [N.m])	1,900	2,580
Rotating Torque (lbf-ft [N.m])	3,400	4,610
Yield Torque (lbf-ft [N.m])	4,300	5,830

SIZE: 2.375 inch [60.33 mm]
 WEIGHT: 4.7 lbm/ft [6.99 kg/m]
 GRADE: L-80
 Interchangeable with CS, BTS8, WTS8, etc

Connection Load Capacities	
Tensile Efficiency (% of pipe body)	122
Internal Yield Pressure (% of pipe body)	100
External Yield pressure (psi)	19,240
Leak Resistance Pressure (psi)	radial m2m seal
Compression Efficiency (% of pipe body)	122
Torque Efficiency (% of pipe body)	85
Bending Strength Ratio (BSR)	1.35



Material is EMI/SEA inspected to 10% notch, over OD/ID, long/trans and wall thickness orientations, per API/ASTM requirements

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