

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])	2.875	73.03
Weight, Nominal (lbm/ft [kg/m])	6.50	9.67
Wall Thickness, Nominal (in [mm])	0.217	5.51
Inside Diameter, Nominal (in [mm])	2.441	62.00
API Drift Diameter (in [mm])	2.347	59.62
Tool Joint Drift Diameter (in [mm])	2.272	57.72
Upset-End Diameter, Minimum (in [mm])	3.329	84.56
Upset-End Length, Minimum (in [mm])	4.250	107.95
Cross Section, Nominal (sq.in. [mm ²])	1.812	1169.03

Pipe Load Capacities		
Tensile Yield (lbf [N])	145,000	644,992
Internal Yield Pressure (psi [kPa])	10,570	72,878
Collapse Pressure (psi [kPa])	11,170	77,014
Torsional Yield (lbf-ft [N.m])	8,620	11,690
Hydrostatic Test Pressure (psi [kPa])	9,700	66,879
Bending rate (°/100 ft [°/30 m])	128	126

Connection Dimensions		
Connection OD (in [mm])	3.210	81.53
Special Clearance OD (in [mm])	3.166	80.42
Connection ID (in [mm])	2.366	60.10
Coupling Length, Minimum (in [mm])	N/A	N/A
Make-up Loss (in [mm])	2.390	60.71
Threads per Inch (pitch [mm])	8.000	3.18

Connection Torque Capacities		
Low Shoulder Torque (lbf-ft [N.m])	370	500
High Shoulder Torque (lbf-ft [N.m])	1,850	2,510
Minimum Make-up Torque (lbf-ft [N.m])	2,100	2,850
Optimum Make-up Torque (lbf-ft [N.m])	2,400	3,250
Maximum Make-up Torque (lbf-ft [N.m])	2,600	3,530
Rotating Torque (lbf-ft [N.m])	5,500	7,460
Yield Torque (lbf-ft [N.m])	6,900	9,360

SIZE: 2.875 inch [73.03 mm]
 WEIGHT: 6.5 lbm/ft [9.67 kg/m]
 GRADE: L-80
 Interchangeable with CS, BTS8, WTS8, etc

Connection Load Capacities	
Tensile Efficiency (% of pipe body)	118
Internal Yield Pressure (% of pipe body)	100
External Yield pressure (psi)	18,270
Leak Resistance Pressure (psi)	radial m2m seal
Compression Efficiency (% of pipe body)	118
Torque Efficiency (% of pipe body)	80
Bending Strength Ratio (BSR)	1.30



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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