

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])	3.500	88.90
Weight, Nominal (lbm/ft [kg/m])	9.30	13.84
Wall Thickness, Nominal (in [mm])	0.254	6.45
Inside Diameter, Nominal (in [mm])	2.992	76.00
API Drift Diameter (in [mm])	2.867	72.82
Upset-End Diameter, Minimum (in [mm])	4.034	102.46
Upset-End Length, Minimum (in [mm])	4.750	120.65
Cross Sectional Area, Nominal (sq.in. [sq.mm])	2.590	1670.96
Pipe Load Capacities		
Tensile Yield (lbf [N])	207,200	921,671
Internal Yield Pressure (psi [kPa])	10,160	70,051
Collapse Pressure (psi [kPa])	10,540	72,671
Torsional Yield (lbf-ft [N.m])	15,090	20,460
Hydrostatic Test Pressure (psi [kPa])	9,300	64,121
Bending rate (°/100 ft [°/30 m])	105	103
Connection Dimensions		
Connection OD (in [mm])	3.915	99.44
Special Clearance** OD (in [mm])	3.859	98.02
Connection ID (in [mm])	2.920	74.17
Coupling Length, Minimum (in [mm])	N/A	N/A
Make-up Loss (in [mm])	2.840	72.14
Threads per Inch (pitch [mm])	8.000	3.18
Connection Torque Capacities		
Low Shoulder Torque (lbf-ft [N.m])	550	750
High Shoulder Torque (lbf-ft [N.m])	2,750	3,730
Minimum Make-up Torque (lbf-ft [N.m])	3,000	4,070
Optimum Make-up Torque (lbf-ft [N.m])	3,400	4,610
Maximum Make-up Torque (lbf-ft [N.m])	3,800	5,150
Rotating Torque (lbf-ft [N.m])	9,700	13,150
Yield Torque (lbf-ft [N.m])	12,100	16,410

\*\* Listed Rotating / Yield Torques and Connection Load Capacities have to be recalculated for Special Clearance OD.  
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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SIZE: 3.5 inch [88.9 mm]  
WEIGHT: 9.3 lbm/ft [13.84 kg/m]  
GRADE: L-80

CS look-alike, with an internal corrosion inhibitor coating, reinforced by fiberglass liner and a teflon seal ring, for highly corrosive sour/sweet applications, in which you want a ruggedized ID

Connection Load Capacities	
Tensile Efficiency (% of pipe body)	121
Internal Yield Pressure (% of pipe body)	100
External Yield pressure (psi)	17,750
Leak Resistance Pressure (psi)	radial m2m seal
Compression Efficiency (% of pipe body)	121
Torque Efficiency (% of pipe body)	80
Bending Strength Ratio (BSR)	1.35

