

# Tubing Data & Performance Sheet

# 1-1/2" 3.64# S-135 1-1/2" CS Hydril Type

## TUBE BODY DATA

Tube OD	1.900 in.
Wall Thickness	0.200 in.
Tube ID	1.500 in.
Tensile Yield Strength	112,600 lbs. (80% RBW Inspection Class)
Torsional Yield Strength	4,100 ft-lbs. (80% RBW Inspection Class)
Tube Burst	22,700 psi. (80% RBW Inspection Class)
Tube Collapse	21,600 psi. (80% RBW Inspection Class)

## TUBULAR ASSEMBLY

Approximate Length	30 ft.
Nominal Weight	3.64 lbs./ft.
Material Grade	135,000 psi.
Drift Diameter	1.406 in.
Displacement	0.0555 gal./ft.   0.0013 bbls./ft.
Capacity	0.0918 gal./ft.   0.0022 bbls./ft.
Compression Yield Strength	115,360 lbs.
Max Bending	260.8 degrees/100 ft.

## CONNECTION DATA

Connection	CS Hydril Type
Connection OD	2.162 in.
Connection ID	1.440 in.
Threads per inch	8
Make-Up Loss	2.220 in.

## MAKE-UP TORQUE

Make-Up Torque - Minimum	900 ft-lbs.
Make-Up Torque - Optimum	1,000 ft-lbs.
Make-Up Torque Maximum	1,100 ft-lbs.

## CONNECTION PERFORMANCE

Connection Torsional Strength	Not Reported
Connection Tensile Strength	144,200 lbs.
External Pressure Capacity	25,400 psi.
Internal Pressure Capacity	24,900 psi.

## FEATURES

Hardbanding	None
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### Notes:

- Referenced tube size, wall and assembly length are nominal, unless indicated otherwise. Values shown may vary with actual values due to OEM tolerances, rounding and other factors. Tubing is manufactured to API 5CT 87-1/2% RBW and inspected to minimum Premium Class (80% RBW).
- Maximum make-up torque is that value above which there is no additional benefit, or reason to exceed. It is not meant to indicate the maximum torque the connection can withstand.

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