



DRILL PIPE SPECIFICATION DATA

4-1/2" 16.60# S-135 DRILL PIPE WITH NC46 CONNECTIONS

Pipe Body O.D.	(in)	4.500
Nominal Pipe I.D.	(in)	3.826
Nominal Weight Designation		16.60
Drill Pipe Adjusted Weight	(lbs./ft.)	21.85
Pipe Body Grade		S-135
Pipe Body Wall Thickness	(in)	0.337
API Class - Tube		PREMIUM
Pipe Body Tensile	(lbs.)	468,300
Pipe Body Torsional	(ft./ lbs.)	43,500
Pipe Body Collapse	(psi)	10,964
Pipe Body Internal Yield / Burst	(psi)	16,176
Pipe Body Displacement	(bbls/ft.)	0.0079
Pipe Body Capacity	(bbls/ft.)	0.0132
Connection Type		NC46 / 4-1/2" XH
Connection O.D.	(in)	6.375
Connection I.D.	(in)	2.750
Tool Joint Drift	(in)	2.625
Recommended Make Up Torque	(ft./ lbs.)	26,600
Minimum Make Up Torque	(ft./ lbs.)	22,200
Tool Joint Torsional Strength	(ft./ lbs.)	44,400
Tool Joint Tensile Strength (At Rec. MUT)	(lbs.)	1,143,000

The technical information contained herein, including the product performance/spec sheets and other attached documents, have been generated from material provided by the manufacturer. It is for reference only and should not be construed as a recommendation. The user is fully responsible for the accuracy and suitability of use of all technical information. Platinum Pipe Rentals, LLC cannot assume responsibility for the results obtained through the use of this material. No expressed or implied warranty is intended. Assembly properties are based on uniform OD and wall thickness. No safety factor is applied. The information provided for various wear conditions (remaining body wall) is for information only and does not represent or imply acceptable operating limits. It is the responsibility of the customer and/or end user to determine the appropriate performance ratings, acceptable use of the product, maintain safe operational practices, and to apply a prudent safety factor suitable for the application. The user should consider all field conditions along with combined factors which may affect the final string design used in the field. Per the IADC drilling manual, it is recommended that drilling torque should not exceed 80% of MUT.