



DOC TITLE: TUBING PERFORMANCE DATA SHEET

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REV: NA

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TUBING PERFORMANCE DATA SHEET

IMPERIAL UNIT

Pipe Size & Weight: 3.50 15.80 lb/ft
 Pipe Grade: PH6™
 Range: 2
 Tool Joint: PH6™

<u>PIPE BODY DATA</u>			<u>New Nominal</u>	<u>PIPE BODY PERFORMANCE DATA</u>			<u>New Nominal</u>
Nominal OD	in		3.500	Body Yield Strength	lbs		430,000
Nominal ID	in.		2.548	Internal Yield	psi.		22,610
Wall Thickness	in.		0.476	Collapse	psi		22,330
Plain End Weight	lbs		15.39				
Nominal Weight	lbs		15.80				
Standard Drift Diameter	in.		2.423				
<u>TOOL JOINT GEOMETRY</u>			<u>New Nominal</u>	<u>TOOL JOINT PERFORMANCE</u>			<u>New Nominal</u>
Connection Type			PH6™	Tension Efficiency			100%
Regular OD	in.		4.500	Joint Yield Strength	lbs		430,000
Matched Strength OD	in.		4.367	Internal Yield	psi		22,610
Threads per in.			6.00	Compression Efficiency			100%
Connection ID	in.		2.485	Compression Rating	lbs		430,000
Make-Up Loss	in.		3.340	Collapse	psi		22,330
<u>TOOL JOINT MAKE-UP TORQUES</u>			<u>New Nominal</u>				
Minimum	ft-lbs		6,400				
Target	ft-lbs		7,200				
Maximum	ft-lbs		8,000				
Yield Torque	ft-lbs		N/A				

Premium properties are calculated based on uniform Outside Diameter and Wall Thickness

Torque performances are calculated with coefficient of friction factor, 0.08.

API recommends a torsional ratio of 0.8 or greater

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The information contained in this Performance Data Sheet is subject to revision without notice.