



DOC TITLE: TUBING PERFORMANCE DATA SHEET

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REV: NA

Page 1 of 1

### TUBING PERFORMANCE DATA SHEET

IMPERIAL UNIT

Pipe Size & Weight: 2.875\_6.50 lb/ft  
 Pipe Grade: L80  
 Range: 1  
 Tool Joint: 2.875 WEDGE 533

<u>PIPE BODY DATA</u>			<u>New Nominal</u>	<u>PIPE BODY PERFORMANCE DATA</u>			<u>New Nominal</u>
Nominal OD	in		2.875	Body Yield Strength	lbs		145,000
Nominal ID	in.		2.441	Internal Yield	psi.		10,570
Wall Thickness	in.		0.217	Collapse	psi		11,170
Plain End Weight	lbs		6.17				
Nominal Weight	lbs		6.50				
Standard Drift Diameter	in.		2.347				
<u>TOOL JOINT GEOMETRY</u>			<u>New Nominal</u>	<u>TOOL JOINT PERFORMANCE</u>			<u>New Nominal</u>
Connection Type			2.875 W533	Tension Efficiency			100%
Regular OD	in.		3.192	Joint Yield Strength	lbs		145,000
Coupling Length	in.		N/A	Internal Yield	psi		10,570
Matched Strength OD	in.		N/A	Compression Efficiency			100%
Threads per in.			3.45	Compression Rating	lbs		N/A
Connection ID	in.		2.391	Collapse	psi		N/A
Make-Up Loss	in.		3.642				
<u>TOOL JOINT MAKE-UP TORQUES</u>			<u>New Nominal</u>	<u>TOOL JOINT BUCK-ON TORQUES</u>			<u>New Nominal</u>
Minimum	ft-lbs		19000	Minimum	ft-lbs		5400
Target	ft-lbs		2300	Maximum	ft-lbs		6300
Maximum	ft-lbs		3300				
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.