



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\_6.400 lb/ft  
 Pipe Grade: L80 TYPE 1  
 Range:  
 Tool Joint: 2.875 TSHW511

<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	6.40			
Nominal Weight	lbs	6.40			
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 TSHW511	Tension Efficiency		54.90%
Regular OD	in.	2.875	Joint Yield Strength	lbs	79,605
Coupling Length	in.	N/A	Internal Yield	psi	10,507
Matched Strength OD	in.	N/A	Compression Efficiency		67.80%
Threads per in.		4.09	Compression Rating	lbs	11,170
Connection ID	in.	2.377	Collapse	psi	N/A
Make-Up Loss	in.	2.268			
<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	700	Minimum	ft-lbs	N/A
Target	ft-lbs	800	Maximum	ft-lbs	N/A
Maximum	ft-lbs	1200			
Yield Torque	ft-lbs	2,800			

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.