



DOC TITLE: TUBING PERFORMANCE DATA SHEET

DOC. NO. TAS-RT-TBG-0013

REV: NA

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TUBING PERFORMANCE DATA SHEET

IMPERIAL UNIT

Pipe Size & Weight: 2.0625_3.25 lb/ft
Pipe Grade: L80 TYPE 1
Range:
Tool Joint: 2.0625 TSHW511

<u>PIPE BODY DATA</u>			New Nominal	<u>PIPE BODY PERFORMANCE DATA</u>			New Nominal
Nominal OD	in		2.0625	Body Yield Strength	lbs		71,370
Nominal ID	in.		1.7510	Internal Yield	psi.		10,590
Wall Thickness	in.		0.156	Collapse	psi		11,180
Plain End Weight	lbs		3.25				
Nominal Weight	lbs		3.25				
Standard Drift Diameter	in.		1.657				
<u>TOOL JOINT GEOMETRY</u>			New Nominal	<u>TOOL JOINT PERFORMANCE</u>			New Nominal
Connection Type			2.0625 TSHW511	Tension Efficiency			60.30%
Regular OD	in.		2.126	Joint Yield Strength	lbs		54,000
Coupling Length	in.		N/A	Internal Yield	psi		10,590
Matched Strength OD	in.		N/A	Compression Efficiency			81.60%
Threads per in.			4.09	Compression Rating	lbs		58,238
Connection ID	in.		N/A	Collapse	psi		N/A
Make-Up Loss	in.		2.268				
<u>TOOL JOINT MAKE-UP TORQUES</u>			New Nominal	<u>TOOL JOINT BUCK-ON TORQUES</u>			New Nominal
Minimum	ft-lbs		450	Minimum	ft-lbs		N/A
Target	ft-lbs		N/A	Maximum	ft-lbs		N/A
Maximum	ft-lbs		500				
Yield Torque	ft-lbs		1,500				

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.