



DOC TITLE: TUBING PERFORMANCE DATA SHEET

DOC. NO. TAS-RT-TBG-0005

REV: NA

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### TUBING PERFORMANCE DATA SHEET

IMPERIAL UNIT

Pipe Size & Weight: 5.00 24.10 lb/ft  
 Pipe Grade: API T-95  
 Range: 2  
 Tool Joint: Wedge 563™

<u>PIPE BODY DATA</u>			<u>New Nominal</u>	<u>PIPE BODY PERFORMANCE DATA</u>			<u>New Nominal</u>
Nominal OD	in		5.000	Body Yield Strength	lbs		672,000
Nominal ID	in.		4.000	Internal Yield	psi.		16,630
Wall Thickness	in.		0.50	Collapse	psi		17,100
Plain End Weight	lbs		24.05				
Nominal Weight	lbs		24.10				
Standard Drift Diameter	in.		3.875				
<u>TOOL JOINT GEOMETRY</u>			<u>New Nominal</u>	<u>TOOL JOINT PERFORMANCE</u>			<u>New Nominal</u>
Connection Type			Wedge 563™	Tension Efficiency			100%
Regular OD	in.		5.750	Joint Yield Strength	lbs		672,000
Coupling Length	in.		12.000	Internal Yield	psi		16,630
Matched Strength OD	in.		5.603	Compression Efficiency			100%
Threads per in.			2.65	Compression Rating	lbs		672,000
Connection ID	in.		4.000	Collapse	psi		17,100
Make-Up Loss	in.		5.360				
<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		15,000	Minimum	ft-lbs		26,000
Target	ft-lbs		18,000	Maximum	ft-lbs		29,000
Maximum	ft-lbs		N/A				
Yield Torque	ft-lbs		37,000				

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.