

Drill Pipe Data & Performance Sheet

2-7/8" 10.40# X-95 R2 2-7/8 HT-PAC™

TUBE BODY DATA

Tube OD	2.875	in.
Wall Thickness	0.362	in.
Tube ID	2.151	in.
Tensile Yield Strength	210,900	lbs. (API Premium 80% Inspection Class)
Torsional Yield Strength	11,200	ft-lbs. (API Premium 80% Inspection Class)
Upset Type Upset OD (max)	IU	3 in.
Elevator Capacity	16,805	lbs. Elevator carrying capacity limited
Tube Burst	19,139	psi. (API Premium 80% Inspection Class)
Tube Collapse	18,016	psi. (API Premium 80% Inspection Class)
Slip-Crush Capacity (16.5" gripper contact length)	221,700	lbs.

CONNECTION DATA

Connection	2-7/8 HT-PAC™	
Tool Joint OD	3.125	in.
Tool Joint ID	1.500	in.
Tool Joint SMYS	120,000	psi.

CONNECTION PERFORMANCE

Make Up Torque (Max.) ¹	5,100	ft-lbs. (1.0 FF)
	5,865	ft-lbs. (1.15 FF)
Connection Tensile Yield (@ Max. M/U TQ)	223,300	lbs.
Connection Torsional Yield	8,500	ft-lbs.

ENGINEERING DATA

Approximate Length	31	ft.		
Drift Diameter	1.375	in.		
Adj. Weight	10.51	lbs. / ft.		
Displacement	0.1607	gal. / ft.	0.0038	bbls. / ft.
Capacity	0.1800	gal. / ft.	0.0043	bbls. / ft.

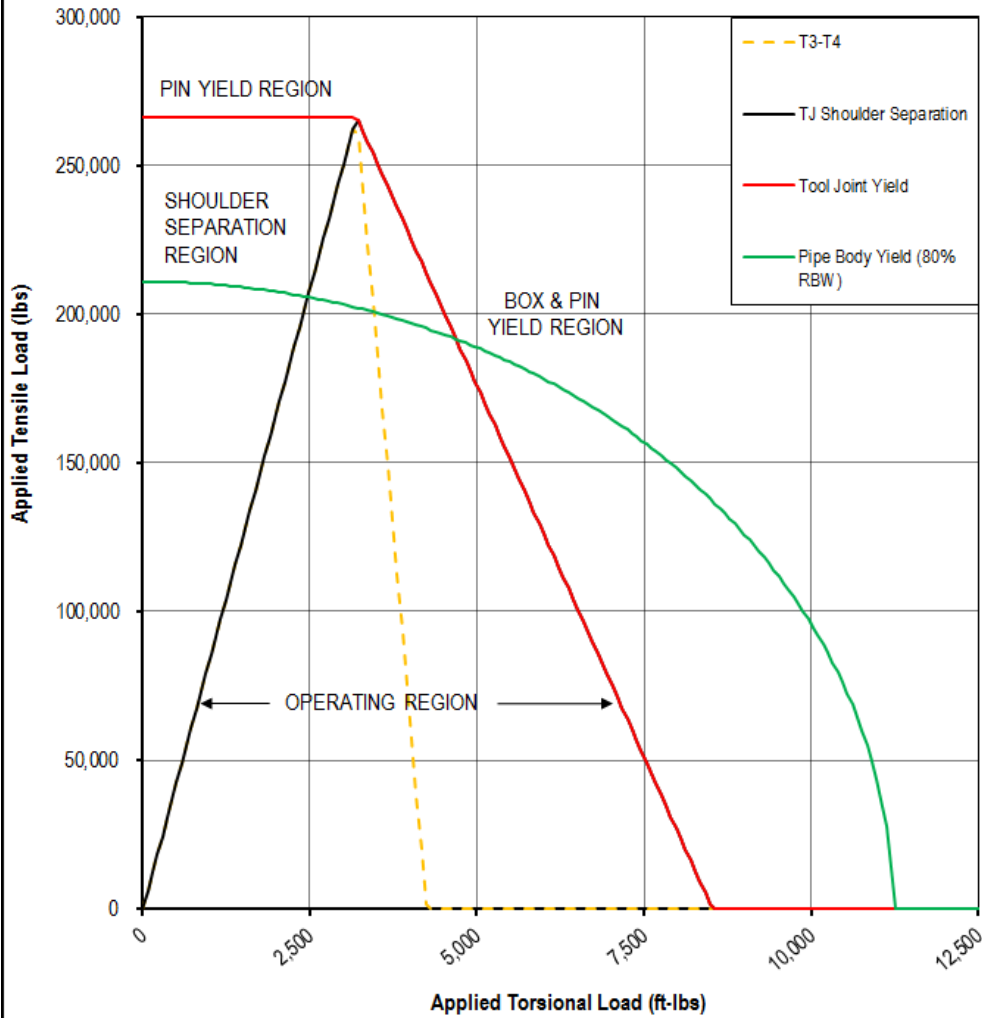
Notes:

¹Max MUT 1.0 FF is 60% of connection torsional strength. As required, adjust MUT according to applied thread compound friction factor, not exceeding 1.15. Rec MUT for most applications is that shown for 1.0 FF, regardless of dope used. Higher MUT should only be applied where rotary torque exceeds 80% of MUT 1.0 FF or when downhole torque and/or backoff is a concern.

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Torque Tension Curve: 2-7/8" 10.40# IU X-95 Drill Pipe with 3.125 X 1.500 2-7/8 HT-PAC™ Tool Joint. Curve Based on Calculation Method in API RP7G. Safety Factor =1.0



2-7/8" 10.40# IU X-95 Drill Pipe Tube Body Collapse Pressure Under Axial Stress - API 5C3

