

## HYDRA 7.625in. x 39 lb/ft L-80 Flush Joint

## tion HYDRA

Pipe Body			Connection		· KA
Nominal OD	7.625	inches	Connection OD	7.625	inches
Nominal Weight	39.00	lb/ft	Make Up Loss	4.720	inches
Wall Thickness	0.500	inches	Critical Section Area	6.715	in²
Plain End Weight	38.08	lb/ft	Internal Pressure Rating	7,340	psi
Standard Drift	6.500	inches	External Pressure Rating	8,820	psi
Nominal ID	6.625	inches	Tension Efficiency	60%	
Grade	L-80		Connection Strength	537	kips
Min Yield	80,000	lbf/in²	Compression Efficiency	537	kips
Min Tensile	95,000	lbf/in²	Uniaxial Bend Rating	30	° / 100 ft
Critical Section Area	11.192	in²	Reference Depth	9,401	Ft.
Pipe Body Yield Strength	895	kips	Optimal Make Up Torque	15,673	ft-lbs 👖
Min Internal Yield Pressure	9,180	psi	Min	12,491	ft-lbs 🚺
Collapse Pressure	8,820	psi	Max	18,855	ft-lbs
				v1.0	12/12/2019

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The performance properties in these data tables are calculated per API 5C3. Calculations are based on nominal wall thickness. Loads do not reflect a design safety factor for walls thinner than nominal or other defects. Reference Depth = Connection Strength/ (PE Wt./Ft)\*(1.5). Reference Depth includes a 1.5 design factor. However, it does not consider bending, temperature, bouyancy or other load considerations.

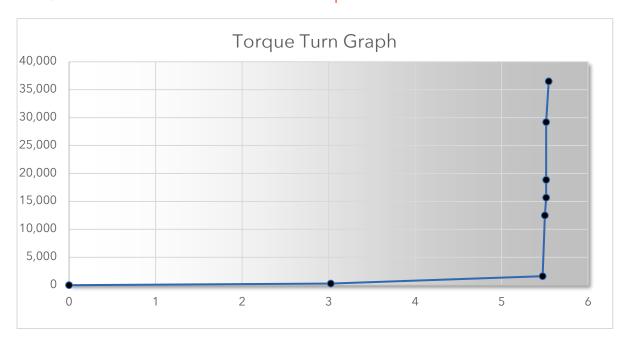




## Torque Data Sheet - HYDRA

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Min Make Up Torque	12,491	ft-lbs	Nom Shoulder Torque	1,620	ft-lbs
Max Make Up Torque	18,855	ft-lbs	Max Operating	29,200	ft-lbs
Optimum Torque	15,673	ft-lbs	Yield	36,509	ft-lbs



12/12/2019