

HYDRA 6in. x 24 lb/ft HC-L80 Flush Joint

Pipe Body Nominal OD 6.000 inches Nominal Weight 24.00 lb/ft

Wall Thickness 0.400 inches

Plain End Weight lb/ft 23.95

Standard Drift 5.075 inches Nominal ID 5.200 inches

Grade	HC-L80		
Min Yield	80,000	lbf/in²	

Min Tensile 95,000 lbf/in²

Critical Section Area 7.037 in² Pipe Body Yield Strength 563 kips

Min Internal Yield Pressure 9,330 psi

Collapse Pressure 9,710

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nection	HYDRA

Connection	HIDKA		
Connection OD	6.000	inches	
Make Up Loss	4.230	inches	
Critical Section Area	4.222	in²	
Internal Pressure Rating	7,470	psi	
External Pressure Rating	9,710	psi	
Tension Efficiency	60%		
Connection Strength	338	kips	
Compression Efficiency	338	kips	
Uniaxial Bend Rating	38	° / 100 ft	
Reference Depth	9,403	Ft.	
Optimal Make Up Torque	7,873	ft-lbs 👖	
Min	6,364	ft-lbs 👔	
Max	9,382	ft-lbs	

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v1.0

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psi

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.

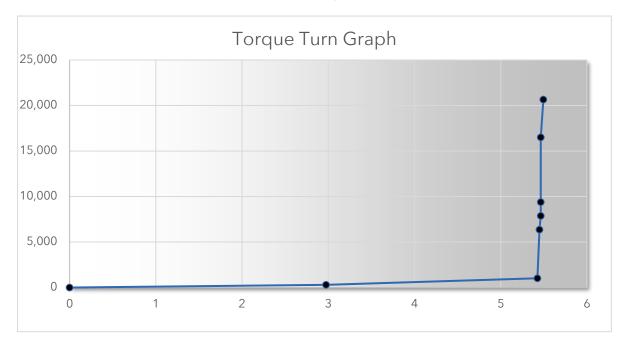




Torque Data Sheet - HYDRA

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Min Make Up Torque	6,364	ft-lbs	Nom Shoulder Torque	1,010	ft-lbs
Max Make Up Torque	9,382	ft-lbs	Max Operating	16,509	ft-lbs
Optimum Torque	7,873	ft-lbs	Yield	20,655	ft-lbs



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