

HYDRA 5.5in. x 17 lb/ft HC-P110 Flush Joint

HYDRA

Pipe Body			Connection	HYDRA	
Nominal OD	5.500	inches	Connection OD	5.500	inches
Nominal Weight	17.00	lb/ft	Make Up Loss	4.463	inches
Wall Thickness	0.304	inches	Critical Section Area	2.977	in²
Plain End Weight	16.89	lb/ft	Internal Pressure Rating	8,510	psi
Standard Drift	4.767	inches	External Pressure Rating	8,730	psi
Nominal ID	4.892	inches	Tension Efficiency	60%	
Grade	HC-P110		Connection Strength	328	kips
Min Yield	110,000	lbf/in²	Compression Efficiency	328	kips
Min Tensile	125,000	lbf/in²	Uniaxial Bend Rating	57	° / 100 ft
Critical Section Area	4.962	in²	Reference Depth	12,931	Ft.
Pipe Body Yield Strength	546	kips	Optimal Make Up Torque	6,850	ft-lbs 🚺
Min Internal Yield Pressure	10,640	psi	Min	5,625	ft-lbs
Collapse Pressure	8,730	psi	Max	8,050	ft-lbs
				v1.0	2/5/2020

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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.

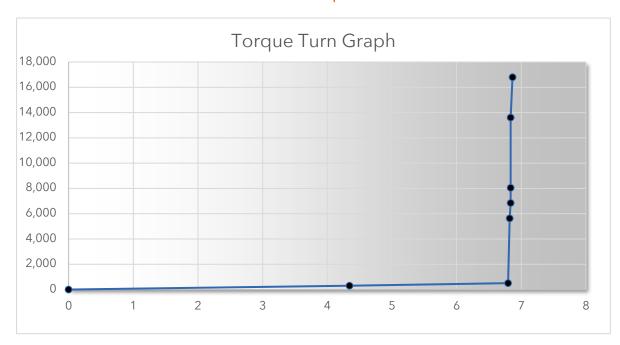




Torque Data Sheet - HYDRA

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Min Make Up Torque	5,625	ft-lbs	Nom Shoulder Torque	500	ft-lbs
Max Make Up Torque	8,050	ft-lbs	Max Operating	13,600	ft-lbs
Optimum Torque	6,850	ft-lbs	Yield	16,800	ft-lbs



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