



## HYDRA 7in. x 26 lb/ft HC-P110 Flush Joint



### Pipe Body

Nominal OD	7.000	inches
Nominal Weight	26.00	lb/ft
Wall Thickness	0.362	inches
Plain End Weight	25.69	lb/ft
Standard Drift	6.151	inches
Nominal ID	6.276	inches
Grade	HC-P110	
Min Yield	110,000	lbf/in <sup>2</sup>
Min Tensile	125,000	lbf/in <sup>2</sup>
Critical Section Area	7.549	in <sup>2</sup>
Pipe Body Yield Strength	830	kips
Min Internal Yield Pressure	9,960	psi
Collapse Pressure	0	psi

### Connection

Connection OD	7.000	inches
Make Up Loss	3.950	inches
Critical Section Area	4.529	in <sup>2</sup>
Internal Pressure Rating	7,960	psi
External Pressure Rating	0	psi
Tension Efficiency	60%	
Connection Strength	498	kips
Compression Efficiency	498	kips
Uniaxial Bend Rating	45	° / 100 ft
Reference Depth	12,923	Ft.
Optimal Make Up Torque	12,550	ft-lbs 
Min	9,925	ft-lbs 
Max	15,175	ft-lbs

v1.0

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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, buoyancy or other load considerations.

## Torque Data Sheet - HYDRA

HYDRA 7in. x 26 lb/ft HC-P110 Flush Joint

Min Make Up Torque	9,925	ft-lbs	Nom Shoulder Torque	1,200	ft-lbs
Max Make Up Torque	15,175	ft-lbs	Max Operating	24,000	ft-lbs
Optimum Torque	12,550	ft-lbs	Yield	30,000	ft-lbs

