



4.5 in. 13.5 lb/ft P110 EB with 5.25 in. Coupling OD

Pipe Body

Nominal OD	4.500	inches
Nominal Weight	13.50	lb/ft
Wall Thickness	0.29	inches
Plain End Weight	13.05	lb/ft
Drift	3.795	inches
Nominal ID	3.920	inches
Grade	P110 EB	
Min Yield	125,000	lbf/in ²
Min Tensile	135,000	lbf/in ²
Critical Section Area	3.836	in ²
Pipe Body Yield Strength	479	kips
Min Internal Yield Pressure	14,100	psi
Collapse Pressure	12,290	psi

Connection

Coupling OD	5.250	inches
Coupling Length	10.339	inches
Make Up Loss	4.857	inches
Critical Section Area	3.836	in ²
Internal Pressure Rating	100%	
External Pressure Rating	100%	
Tension Efficiency	100%	
Connection Strength	479	kips
Compression Efficiency	100%	
Uniaxial Bend Rating	109.2	° / 100 ft
Min Make Up Torque	4,450	ft-lbs 
Yield Torque	17,050	ft-lbs 



Torque Data Sheet - HOSS

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Min Make Up Torque	4,450	ft-lbs	Max Operating Torque	14,500	ft-lbs
Max Make Up Torque	12,800	ft-lbs	Yield Torque	17,050	ft-lbs
Optimum Torque	6,150	ft-lbs			

Representative Torque Turn Graph

