



4.5 in. 13.5 lb/ft CYP-110 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	CYP-110	
Min Yield	110,000	lbf/in ²
Min Tensile	125,000	lbf/in ²
Critical Section Area	3.836	in ²
Pipe Body Yield Strength	422	kips
Min Internal Yield Pressure	12,410	psi
Collapse Pressure	10,690	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	422	kips
Compression Efficiency	100%	
Uniaxial Bend Rating	96.1	° / 100 ft
Min Make Up Torque	3,900	ft-lbs
Yield Torque	15,000	ft-lbs





Torque Data Sheet - HOSS

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Min Make Up Torque	3,900	ft-lbs	Max Operating Torque	12,750	ft-lbs
Max Make Up Torque	11,250	ft-lbs	Yield Torque	15,000	ft-lbs
Optimum Torque	5,400	ft-lbs			

Representative Torque Turn Graph

