



4.5 in. 15.1 lb/ft CYP-110 with 5.25 in. Coupling OD

Pipe Body

Nominal OD	4.500	inches
Nominal Weight	15.10	lb/ft
Wall Thickness	0.337	inches
Plain End Weight	15.00	lb/ft
Drift	3.701	inches
Nominal ID	3.826	inches
Grade	CYP-110	
Min Yield	110,000	lbf/in ²
Min Tensile	125,000	lbf/in ²
Critical Section Area	4.407	in ²
Pipe Body Yield Strength	485	kips
Min Internal Yield Pressure	14,420	psi
Collapse Pressure	14,340	psi

Connection

Coupling OD	5.250	inches
Coupling Length	10.339	inches
Make Up Loss	4.857	inches
Critical Section Area	4.407	in ²
Internal Pressure Rating	100%	
External Pressure Rating	100%	
Tension Efficiency	100%	
Connection Strength	485	kips
Compression Efficiency	100%	
Uniaxial Bend Rating	96.1	° / 100 ft
Min Make Up Torque	4,050	ft-lbs
Yield Torque	15,550	ft-lbs





Torque Data Sheet - HOSS

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Min Make Up Torque	4,050	ft-lbs	Max Operating Torque	13,200	ft-lbs
Max Make Up Torque	11,650	ft-lbs	Yield Torque	15,550	ft-lbs
Optimum Torque	5,600	ft-lbs			

Representative Torque Turn Graph

