



OG™ PREMIUM FLUSH 4.5in. x 11.6 lb/ft P110 EB

Pipe Body

Nominal OD	4.500	inches
Nominal Weight	11.60	lb/ft
Wall Thickness	0.250	inches
Plain End Weight	11.35	lb/ft
Standard Drift	3.875	inches
Nominal ID	4.000	inches
Grade	P110 EB	
Min Yield	125,000	lbf/in ²
Min Tensile	135,000	lbf/in ²
Critical Section Area	3.338	in ²
Pipe Body Yield Strength	417	kips
Min Internal Yield Pressure	12,150	psi
Collapse Pressure	9,540	psi

Connection

Connection OD	4.500	inches
Connection ID	3.963	inches
Make Up Loss	4.995	inches
Critical Section Area	2.003	in ²
Internal / External Pressure Rating	100% of Pipe	
Internal Pressure	12,150	
External Pressure	9,540	
Tension Efficiency	60%	250 kips
Compression Efficiency	60%	250 kips
Uniaxial Bend Rating	76	° / 100 ft
Optimal Make Up Torque	3,636	ft-lbs 
Min	3,270	ft-lbs 
Max	4,000	ft-lbs

v1.0

9/9/2019

This documentation contains confidential and proprietary information not to be reproduced or divulged in whole or in part to anyone outside of your company without prior written authorization from Precision Connections, LLC, and such documentation and information is provided to you upon such conditions of confidentiality.

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.



Torque Data Sheet - OG™ PREMIUM FLUSH



OG™ PREMIUM FLUSH 4.5in. x 11.6 lb/ft P110 EB

Min Make Up Torque	3,270	ft-lbs	Nom Shoulder Torque	1,600	ft-lbs
Max Make Up Torque	4,000	ft-lbs			
Optimum Torque	3,636	ft-lbs			

