



OG™ PREMIUM FLUSH 4.5in. x 11.6 lb/ft HC-L80



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
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Grade	HC-L80	
Min Yield	80,000	lbf/in ²
Min Tensile	95,000	lbf/in ²
Critical Section Area	3.338	in ²
Pipe Body Yield Strength	267	kips
Min Internal Yield Pressure	7,780	psi
Collapse Pressure	7,300	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	7,780	
External Pressure	7,300	
Tension Efficiency	60%	160 kips
Compression Efficiency	60%	160 kips
Uniaxial Bend Rating	49	° / 100 ft
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Optimal Make Up Torque	2,327	ft-lbs 
Min	2,090	ft-lbs 
Max	2,560	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.



Torque Data Sheet - OG™ PREMIUM FLUSH



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Min Make Up Torque	2,090	ft-lbs	Nom Shoulder Torque	1,600	ft-lbs
Max Make Up Torque	2,560	ft-lbs			
Optimum Torque	2,327	ft-lbs			

