

## A FEW WORDS ABOUT US...

Precision is dedicated to the development of new premium and semi premium connections to meet the challenges of horizontal well completions. We provide classic and innovative ways to keep your tubing and casing connected tighter, safer, and stronger. This allows you to maintain schedules, drastically reduce safety concerns and save on operational costs. Whether you are looking for API couplings, semi-premium or premium connections, we've got you covered.



- **The OG™ PREMIUM FLUSH** was designed to provide maximum sealing and strength.
- Designed for plain end pipe with externally and internally flush profiles. Swaged to ensure full strength.
- Internal and external radial metal to metal seals for high pressure gas applications.
- Reverse angle torque shoulder Seal - OD torque stop and energized seals.
- Patented leak tight thread form. Uses a square stepped thread with full root and crest engagement.
- Uses taller square stepped threads and fewer threads per inch for a faster stab and make-up.
- High tensile & bending strength . Exceeds 60% of pipe body.
- Collapse resistance equal to API collapse pressures.
- Internal Pressure rated to 100% of pipe body internal yield pressure.

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## OG™ PREMIUM FLUSH CONNECTION DATA

Pipe Body						Connection		L80		P110		Q125	
Pipe Size	Wall	Plain End Weight	ID	Pipe Area	Drift	Make-up Loss	Efficiency	Yield Load	Reference Depth	Yield Load	Reference Depth	Yield Load	Reference Depth
3.5	0.254	8.81	2.992	2.590	2.867	4.996	62%	128,474	9,700	176,651	13,300	200,740	15,100
4	0.286	11.36	3.428	3.337	3.303	5.909	65%	173,525	10,100	238,596	14,000	271,132	15,900
4.5	0.250	11.36	4.000	3.338	3.875	4.995	60%	160,221	9,400	220,304	12,900	250,346	14,600
4.5	0.290	13.05	3.920	3.836	3.795	5.834	63%	193,313	9,800	265,805	13,500	302,051	15,400
5.5	0.304	16.89	4.892	4.962	4.767	5.796	62%	246,136	9,700	338,436	13,300	384,587	15,100
5.5	0.361	19.83	4.778	5.828	4.653	6.309	63%	293,742	9,800	403,895	13,500	458,972	15,400
7.625	0.375	29.06	6.875	8.541	6.750	5.472	62%	423,644	9,700	582,510	13,300	661,943	15,100

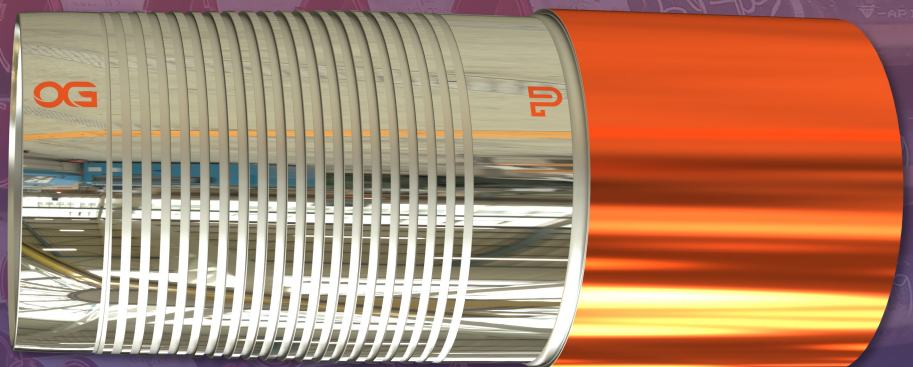
Common sizes and grades. Data for other sizes and grades available upon request.

The performance properties given 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 wall defects.

Reference Depth = Yield Load / (PE Wt./Ft)\*(1.5)

Reference depth includes a 1.5 design factor. However, it does not consider bending, temperature, buoyancy or other load considerations.

The OG™ PREMIUM FLUSH utilizes a patented advanced square stepped thread design for a deep easy stab. The box and pin threads are asymmetric run-in / run-out threads that maximize the critical section area available for pull strength. Square threads are used because of their flexibility in a bend and ability to absorb high tensile and compressive loads.



A long radial pin seal is used to ensure full metal to metal contact over a large area for extreme bending resistance.

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