



Selco Seal® vs. Camprofile



The basic Selco Seal RING GASKET is a flat metal carrier with sealing grooves containing a compressible sealing element.



The SELF LOCATOR design adds locating lines which allow it to be installed on flanges from 150# (PN10) to 2500# (PN400).

Technical Characteristics

	Camprofile	SelcoSeal
Metal Thickness	3mm to 4mm	1.6mm
Y Factor	10,000 psi	2,900 psi
m Factor	4.25	2.85
Recommended	13,000 psi	8,700 psi

REASONS FOR CHOOSING THE SELCO SEAL GASKET



Superior Seal

The Selco Seal gasket takes a lower clamping force as can be seen in the above chart. In combination with our high unit load this provides a superior leak free seal.



Thermal Cycling

If there is cold cycle shrinkage of 10% the effective shrinkage is **0.16mm** which is easily handled by the flexibility of the gasket. Camprofile gaskets on the other hand

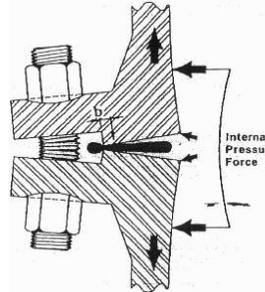
being at least 3mm thick would shrink **0.30mm** and consequently without live loading there will be leakage.



Vibration

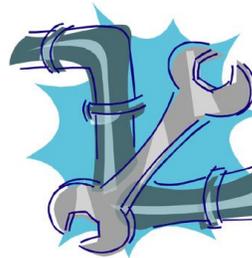
Vibration often leads to the destruction [pulverization] of the graphite fibers. The impact load created by vibration is dampened by the metal carrier of the Selco Seal gasket. Vibration can

also result in the Camprofile serrated core pressing into the flange surface, resulting in flange damage.



Over Torquing

Over torquing is a serious problem with Camprofile gaskets. Once the soft sealing area is over compressed, the rigid metal ring tends to deform flanges leading to flange rotation and bolt bending. The SelcoSeal gasket **cannot** be over torqued.



Water Hammer

Soft Sealing fibers tend to be crushed with pressure surges and water hammer. The Selco Seal gasket design is less sensitive to surges and will absorb shocks and non regular stress loads.



Blowout Safe

The sealing element is contained in a metal groove that protects the sealing material and thus eliminates blowouts.

Appearances and test results are one thing but the true test of a good performer is performance under stressful conditions and the **Selco Seal®** gasket out performs all gaskets including the Camprofile when conditions get tough.

Some gaskets have tried to compete with our test results and have come close, but nothing gives a truer test of a gaskets real value than actual field results.

Install the **Selco Seal®**.

SEALING CORPORATION

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