



Lamons Kammprofile Metallic Gaskets

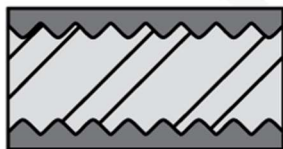
Lamons Kammpro gaskets are widely acknowledged as effective problem solvers for applications involving heat exchangers, large vessels, and equipment subject to significant movement due to thermal expansion. Renowned for delivering a tight seal and exceptional load-bearing capabilities, the Kammpro gaskets feature a metal sealing core with or without a guide ring. The sealing core, a solid metal gasket, boasts concentric serrations on both sealing surfaces and is paired with a soft material such as flexible graphite, EPTFE, or a Lamons HTG configuration based on operating conditions.

This design is particularly favored when seeking enhanced performance at low seating stresses. The simultaneous actions of a highly compressible facing material on the outer surface of the grooved metal, coupled with limited penetration of the tips of the solid metal core, optimize the interaction between the two materials. This allows each component to function independently at its optimal capabilities.

Kammpro gaskets are precision-manufactured in various materials and non-circular shapes, ensuring extreme accuracy. Additionally, they can be customized to fit diverse applications. The recommended flange surface finish for Kammpro gaskets is 125-250 AARH.

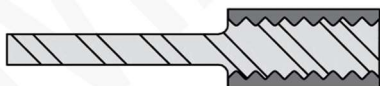
Lamons Kammprofile Gasket Styles:

- Style LP1



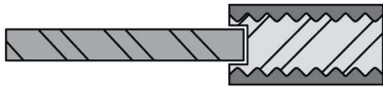
Kammpro LP 1 is produced without a guide ring, specifically tailored for tongue and groove or recessed flange applications, such as male and female connections. Commonly utilized in heat exchanger settings, it serves as an enhancement to double-jacketed gaskets. As a recommended practice, it is advisable to machine out the nubbin, if present. In instances where pass partitions are necessary, they are also kamm profiled and laminated. These partitions share the same thickness as the ring and are firmly secured in place with welds.

- Style LP2



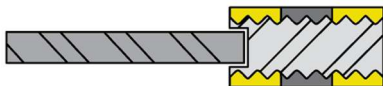
Kammpro LP2 is engineered with an inherent guide ring to facilitate alignment. It is recommended for application in raised face flanges. The gasket is usually crafted and sized in accordance with the EN12560-6 specifications for ASME B16.5 flanges, although it can be custom-manufactured to suit alternative standards.

- **Style LP3**



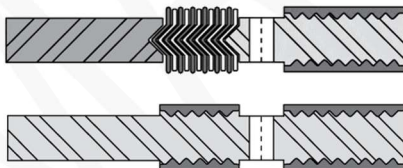
Kampro LP3 employs a guide ring with a loose fit. This widely embraced design is favored for raised face flanges with nominal pipe size and pressure class, particularly in equipment with notable radial shear characteristics, thermal cycling, and expansions. The gasket is typically configured and sized in adherence to EN12560-6 specifications for ASME B16.5 flanges but can be tailor-made to align with other standards.

- **Style HTG**



Kampro-HTG is an effective solution designed for higher operating temperatures. It incorporates segments of high-performance mica/phyllsilicate, serving as a protective layer for oxidation-resistant grade graphite and safeguarding it from contact with oxidizing agents. Lamons Kampro-HTG stands out as cutting-edge technology, excelling in torque retention and sealing capabilities at elevated temperatures. These gaskets are well-suited for high-temperature applications, capable of handling temperatures up to 1500°F (850°C) or even higher, contingent upon specific operating conditions.

- **Style Dual Seal**



Kampro Dual Seal gaskets are specifically engineered to integrate with leak detection devices within flanged assemblies utilized in crucial applications, particularly those involving potentially hazardous service. This highly efficient gasket features a primary seal, followed by a relief section with through holes towards the outer part of the sealing area, where the leak detection equipment is installed. Beyond this relief section lies a secondary sealing area designed to preserve the integrity of the bolted joint in the event that the primary seal is compromised and a pressure differential is identified.