Loadlock™ Improved, Engineered Cam Profile Style Gasket

VSP Technologies LoadLock™ gaskets, engineered for the demanding rigors of today's industrial plants.

Applications

- Heat exchangers
- Vessels
- Mixers
- Diesel exhaust manifolds

Thermal stability, durable facings, unaffected by groove depth variability & low torque requirements

Metal Serrated Insert – Contains soft facing material, pressure resistance & mechanical integrity

Robust Metal Reinforced Design – Increased blowout resistance ideal for vessels & high pressure services

Compressible, Thermally Stable Facing Materials – Enhanced sealing against uneven flange surfaces

Lower Stress to Seal than Conventional Flat Gaskets – Lower bolt load

Engineered For the Application/Equipment –

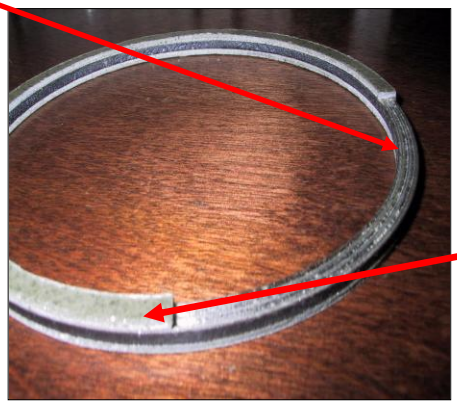
- Insert dimensions
- Serration pitch, depth
- Facing material, thickness
- Assembly torque

Proprietary Adhesive Systems & Insert Design – Gaskets engineered, for your application

TO ORDER: Specify metal carrier ID, OD, facing material or contact VSP engineering department for design assistance

Serrated solid metal

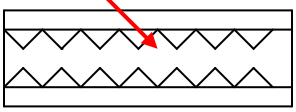
- *Serrations concentrate bolt load on smaller area for tight seal at lower bolt loads*
- *Rigid core provides exceptional stability, even in large sizes, and facilitates handling and installation*
- *Serrated solid metal core resists cold flow, over-compression and blowout*

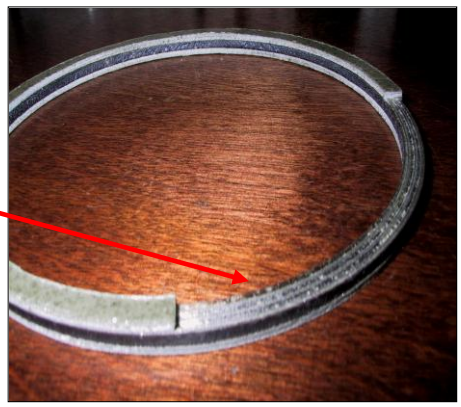


Soft deformable facing layers sealing material

- *Fills sealing surface imperfections, under compression, to form a tight near metal to metal connection*
- *Ideal for weaker flanges-seals under low bolt load*
- *Withstands pressures and extreme fluctuations in temperatures*

LoadLock™, the ID of the serrated metal insert is exposed to the process media. Metallurgy chosen must be compatible with process media.





All of VSP Technologies' ***LoadLock™ Gasket*** designs incorporate a specially designed serrated insert to provide a stable, rigid gasket to ensure a tight seal for your bolted connection

Highest quality engineered metal core gaskets

Facing Materials

- High Temperature-Mica (1400˚ F)
- Chemical Service- Expanded PTFE (500˚ F)
- General Service-Flexible Graphite (600˚ F)

8140 Quality Drive, Prince George, VA 23875 Toll Free: (800) 334-6013 Ph: (804) 541-0812 Fax: (804) 452-1251
E-Mail: vsptechnologies.com
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