LAMONS®

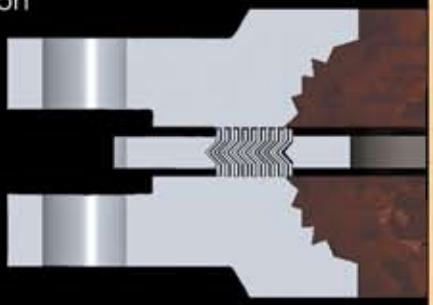
Sealing Global - Servicing Local

Lamons WRI-LP

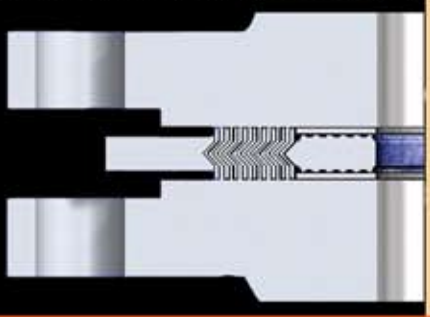
PATENT PENDING

"The Ultimate HF Acid Solution"

Traditional spiral wound gasket utilizing an inner ring resulting in severe flange corrosion



Flange with WRI-LP Corrosion Protection



Flanges in carbon steel piping systems where hydrofluoric acid is processed are subject to severe crevice corrosion due to the unprotected flange facing left exposed by traditional seal concepts. These traditional concepts generally consist of standard metal or PTFE inner rings. They are marginally effective since a seal is not created at the bore. Lamons WRI-LP utilizes a graphite-faced /PTFE coated Kammpro inner ring to create a primary seal that extends to the bore of the pipe.

- Faced with flexible graphite or PTFE covering layers
- PTFE is rigidly bonded and completely encapsulating
- Machined serrations create "point contact" loading
- Basic spiral wound design incorporates the Lamons LC or Low Compression winding construction, which minimizes the required seating load and offsets the effect of additional gasket area.
- Custom dimensions match standard schedule bores
- Entire flange facing is protected with a high surface stress
- Rigid Kammpro inner ring prevents winding deformation and buckling
- Virgin skived PTFE fillers and EPTFE facings can be used for extremely corrosive environments
- Flexible graphite fillers and facings can be utilized in conjunction with extreme temperatures

GASKET CONSTANTS	"M" - 3 "Y" - 5000 PSI
TEMPERATURE RANGE	CRYOGENIC TO 500°F (260°C)*

*MAY BE USED IN HIGHER SERVICE TEMPERATURES. CONSULT LAMONS ENGINEERING FOR SPECIFIC APPLICATIONS.

For assistance with WRI-LP sizing and design, contact Lamons Engineering: Engineering@lamonsgasket.com

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