

LAMONS

LAMONS GASKET COMPANY

Sealing Global - Servicing Local



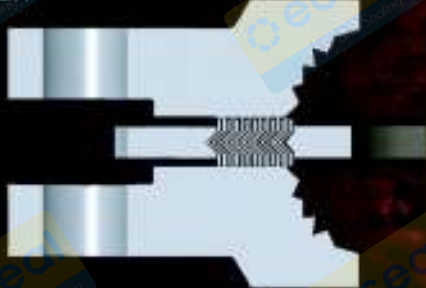
Lamons WRI-LP PATENT PENDING

"The Ultimate HF Acid Solution"

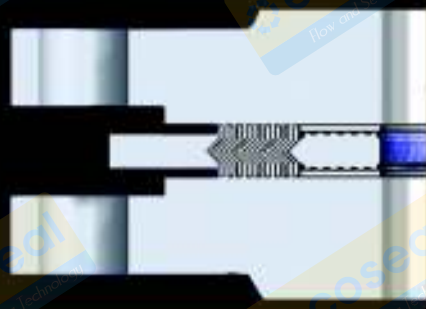
Flanges in carbon steel piping systems where hydrofluoric acid is processed are subject to severe crevice corrosion due to the unprotected flange facing left exposed by traditional seal concepts. These traditional concepts generally consist of standard metal or PTFE inner rings. They are marginally effective 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 is consistent with standard design practice
- 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

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



Flange with WRI-LP Corrosion Protection



GASKET CONSTANTS

"M" - 3

"Y" - 10000 PSI

TEMPERATURE RANGE

CRYOGENIC TO 500°F (260°C)

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

