



### Summary

<b>Industry:</b>	Chemical
<b>Application:</b>	Nitric Acid process line
<b>Actual Saving:</b>	£n/a
<b>Payback Period:</b>	n/a



## Biaxial Fibrillated PTFE Gasket

ERIKS help solve leaks for nitric acid line

### ISSUE

An inorganic chemical plant, who supply a specialist range of products made from copper, zinc, tin and iodine for use in advanced applications around the world, were experiencing leaks.

A new installation of a nitric acid process line leaked after a sub contractor used pure PTFE gaskets on the pipework line. The plant originally thought the leak was from a 'creep issue' which resulted in an unplanned shutdown.

### SOLUTION

The customer required a better gasket solution and contacted ERIKS Gasket Technology who advised that a Biaxial Fibrillated PTFE gasket would be the best option. The manufacturing process of the Sigma 500 range is such that it allows the range the capability to perform at greater compression rates, which will solve the nitric acid leaks on-site.

Now the correct gasket for the application as been installed, the process line is working efficiently and the site has no concerns with unplanned shutdowns or health and safety issues.

### OTHER BENEFITS

- Rapid supply of replacement gaskets reduced unplanned downtime
- Health and Safety fears alleviated with elimination of leaks
- Further unplanned shut downs due to failures reduced

### FURTHER COMMENTS...

The customer has experienced no further leakage since the Sigma 500 solution was installed and there is now no potential health and safety issues.

### MORE INFORMATION

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