



## Summary

<b>Industry:</b>	Aerospace
<b>Application:</b>	Furnace
<b>Actual Saving:</b>	£n/a
<b>Payback Period:</b>	n/a



## Fire Safe Graphite Gasket

ERIKS ensures customer meets Health and Safety regulations

### ISSUE

A large aerospace OEM customer, as part of their production process, had a furnace operating at over 450 Deg C. To meet with newly introduced operational requirements, any gasket design utilised must be approved as Fire Safe.

The customer was using a "tanged" graphite gasket, which although fit for purpose, was not certified fire safe material. An alternative gasket design was required.

### SOLUTION

ERIKS Gasket Technology Engineers recommended that the customer use Novaphit SSTC graphite sheet supplied by their European manufacturing partner Frenzelit. The high purity material was capable of operating at temperatures of 500 Deg C but more importantly it was also fire safe.

The Gasket material was made of expanded graphite (purity 99 % min.) with an expanded metal inlay made of chrome-nickel steel.

### OTHER BENEFITS

- The customer now meets Health and Safety standards with a fire safe gasket solution

### FURTHER COMMENTS...

The customer was impressed that ERIKS Gasket Technology not only supplied the product to aid Health and Safety, but delivered in 2 days.

### MORE INFORMATION

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know-how makes the difference

