

# THERMICULITE®



Another first for Flexitallic.  
Thermiculite® - the  
complete sealing solution.

**Thermiculite®**  
innovative. versatile. complete.

Thermiculite® is specified by name where critical sealing matters. Applications include Petro chemicals, Fertilisers, OEM and Oil & Gas applications, where process conditions are extreme.

Our experienced engineers use the versatility of Thermiculite® to create bespoke sealing configurations in equipment and piping systems to increase operational up-time for our customers. This truly remarkable product has proven itself as an effective long-term sealing solution in over 600 of the most demanding industrial sealing applications.

Thermiculite® is a patented product with amazing versatility. Not only can it withstand high temperatures and corrosive environments, due to our unique formulation, we are able to offer Thermiculite® as a stand alone sheet material, as a filler for SWG's, as a facing for Kammprofiles and also in many of our other product lines.

We have also developed a range of valve stem packings, using Thermiculite® technology, for use in the most arduous service.

## Products

- 700-800 Series - sheet grade
- 866 - specialist grade (SOFC)
- 896 - aerospace
- Kammprofiles
- SWG
- Static and Dynamic Packings
- I-Flex Isolation Kits
- FRG

## Benefits

- Engineered and Manufactured in the UK
- Fire-safe (API 6FB)
- Wide temperature range – cryogenic to 1000°C
- TA Luft approved
- Wide availability of styles of gaskets
- Free from oxidation
- Excellent chemical compatibility
- Electrical and thermal insulation
- Universal
- Replaces graphite, PTFE, non-asbestos materials

## PROVEN TRACK RECORD IN THE FOLLOWING INDUSTRIES

- Power Generation
- Fertiliser (Agro-Chemicals)
- Oil Exploration
- Industrial Chemicals
- Automotive
- Aerospace
- Oil Refining
- Emerging Technologies (Solid Oxide Fuel Cell)