



Gee Graphite Data Sheet

Geegraf Special Products



Gee Graphite supply a wide range of non-standard gaskets incorporating flexible graphite.

Many of these have been developed in close co-operation with end-users across a wide range of industries from glass production to RFI – EMI shielding.

Kammprofile gaskets

Geegraf Kammprofile gaskets are provided as a high quality sealing element – with a wide range of core materials. Normally supplied with graphite facings, or PTFE & Mica also being available.

Kammprofile gaskets are available to suit all standard flange designations. Special sizes can be supplied to suit customers own requirements.

Sigraflex Economy / Universal Oval Gaskets

Oval and obround Sigraflex Economy and Universal gaskets are provided with external and internal eyelets. **Sigraflex Economy** is a graphite sheet material with a bonded stainless steel core 0.05mm thick. **Sigraflex Universal** is a graphite sheet material that is mechanically bonded with a tanged stainless steel core 0.1mm thickness.

Geegraf Multilayer Construction Products

Geegraf multi-layer construction products combine metal and graphite foils, often with complex geometry - accurately cut on in-house abrasive water-jet cutting machines.

Typical applications include valve seats combining Inconel, Hastelloy, Monel, Duplex & Superduplex alloys. Materials including PTFE, Mica are combined with graphite foils as well as PTFE or Mica substrates. This product often requires additional complex machining which we can now provide.

Graphite / Carbon components

We are able to supply a wide range of graphite / carbon components machined from a wide range of high quality raw materials.

- Extruded Graphite
- Isostatic Graphite
- Mechanical Carbons.

Each grade is carefully selected to suit your applications, and machining of more complex shapes can also be offered.

Graphite Felts

Flexible Graphite felt is a premium quality material for process temperatures above 2000°C. due to its low shrinkage, it is most often used in vacuum furnace & inert atmosphere furnace insulation. This product also features enhanced oxidation resistance together with extremely low ash content, and can be offered in both full roll and cut components.