



## PURE GRAPHITE GASKET

Graphite gaskets are especially renowned for their high compressibility and their good adaptability as well as good chemical resistance, generally flat gaskets are used as a sealing element between two flanges.

- **Gross density**  
0.7gcm<sup>3</sup> - 1.0gcm<sup>3</sup>
- **Graphite Purity**  
98% - 99.5% Purity
- **Standard Thickness**  
0.2 - 2.0mm  
Gee can offer layers which can be combined to create thicker gaskets
- **Operating temperature**  
-200°C to + 550°C Consult Gee for further temperature information

Geegraf flexible graphite foil, is a homogenous high purity graphite, containing no binders or adhesives providing a resilient and compressible sealing material, which exhibits excellent fluid sealing performance for critical high temperature applications, typical in Petrochemical, Refining and Power generation industries. Foils are available in a wide range of grades which include ultra-high purity, oxidation resistant and corrosion inhibited grades. We can also offer adhesive backing to our graphite gaskets to help ease of fitting on site.

In Electronic applications graphite foils can be used as a dry alternative to thermal compounds providing low thermal resistance and high electrical conductivity. Suitable as a parting media or masking substrate.

On site we have our state-of-the-art water jet cutting machines which can provide you with precision cutting on our water only machines. The process has been modified to suit the production of gaskets and now the most intricate designs can be cut accurately with no tooling costs offering a clean safe, smooth edge finish. With the alternative cut method using an automatic press enabling us to cut a large number of gaskets in a short space of time.

All data quoted is based on years of experience in production & operation of sealing solutions. In view of the wide variety of possible installation & operating conditions this cannot draw final conclusion in all application cases regarding the behaviour of the product. The data may not therefore, be used to support any warranty claims. Should you have any doubts about the choice of material, please contact Gee Graphite direct. Tel UK 01924 480011.

# GRAPHITE