



GRAPHITE FOIL

Geegraf flexible graphite foil, is a homogenous high purity graphite, containing no binders or adhesives providing a resilient and compressible sealing material. This exhibits excellent fluid sealing performance for critical high temperature applications, typical in Petrochemical, Refining and Power generation industries. Sold in sheets and rolls to our customer requirements.

- **Gross density**
0.7gcm³ - 1.0gcm³
- **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 foils are available in a wide range of grades, including ultra-high purity, oxidation resistant and corrosion inhibited grades. From our expanded graphite foils and sheet's, we can convert to the following products: Tapes, Gaskets, Reinforced Sheets, Die Formed Rings, SWG and Kamprofile's we can supply from 02mm thick to 2.00mm thick in various sheet sizes.

Using our unique in-house method, we can an adhesive back our rolls and sheets this is particularly used when creating graphite tapes. When it comes to creating gaskets, 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.

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