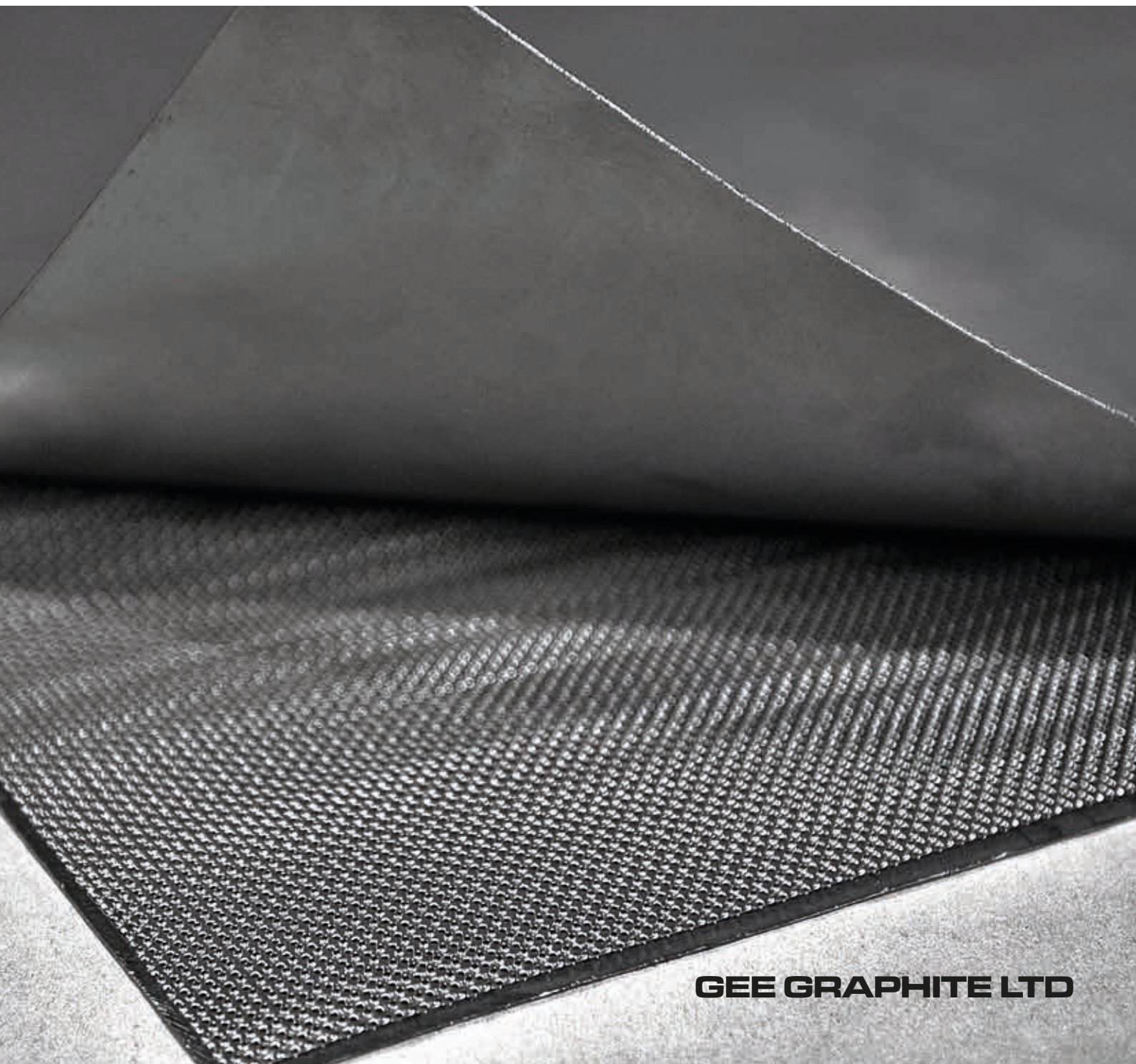




SHEETS & ROLLS

Offering a wide variety
of sheets & rolls



GEE GRAPHITE LTD

SHEETS & ROLLS

Gee Graphite offer a wide variety of sheets & rolls which can be branded, tanged, reinforced & adhesive backed. Supplying in full sheets or cut gaskets using our automated press or waterjet cutting machines, to our customers specific requirements.

What should you look for when selecting a gasket material?

- Pure Graphite
- Nickel Reinforced NR
- Stainless Steel Reinforced SSR
- Stainless Steel Tanged SST
- Polyurethane Reinforced Graphite
- Non Asbestos - Geenas
- PTFE
- Mica

What can we offer?

We can offer laminated sheets which is the layering of graphite with stainless steel or nickel using our unique high temperature adhesive system giving a 100% bond, this proven system enables the finished sheet to be converted into gaskets of any size with no delamination. Whilst our tanged material offers a mechanically bonded system with no adhesive offering our customers an alternative in our laminate range. We can also offer a branding service, a variety of sheet sizes and thicknesses to meet your requirements.

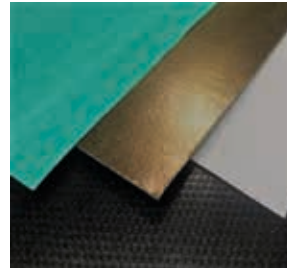
Using our unique in-house method, we can adhesive back our rolls and sheets this is particularly used when creating graphite tapes. When it comes to creating gaskets, on site we have our state-of-the-art water jet cutting machines which can provide you with precision cutting on our water only machines. 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.

Geegraf flexible graphite foil is sold in sheets & rolls

Geegraf pure graphite sheets & rolls provides a resilient and compressible sealing material, which exhibits excellent fluid sealing performance for critical high temperature applications. The foils are available in a wide range of grades, including ultra-high purity, oxidation resistant and corrosion inhibited grades.

We convert to the following products from our graphite:

- Tapes
- Gaskets
- Reinforced Sheets
- Die Formed Rings
- SWG
- Kammprofiles



GeeNas Non-Asbestos Sheeting

Our material contains a mixture of aramid and glass fibres with a nitrile rubber binder. It's an economical, general-purpose material for use in light to medium gasket stress applications. It exhibits good sealing and torque retention properties. Filling the spaces

between two or more mating surfaces, generally to prevent leakage from or into the joining objects while under compression.

Mica Sheets

The Mica sheet material is highly flexible thermal and electrical insulating material recommended for applications up to the highest temperatures using the most heat resistant phlogopite Mica. Completely free of asbestos or ceramic fibres.

PTFE Sheets

Available in a range of grades to suit various sealing applications, most commonly used is Virgin PTFE It has great electrical and thermal properties, which provides good chemical resistance and a non-corrosive construction. They also offer effective resistance to moisture absorption and have an extremely low coefficient of friction, making them a popular option as a seal in rotary or linear movement applications.

NR & Polyurethane Graphite Sheets

Our unique nickel reinforced graphite sheet contains two layers of graphite with a nickel foil core at a thickness of 0.026mm thick, we offer the complete process from selection of high purity graphite foil, laminating, curing and final inspection all carried out in house, by using our unique high temperature adhesive system giving a 100% bond we can convert the finished sheet in to gaskets with narrow land widths and/or complex geometry with no delamination.

SSR & SST Graphite Sheets

Our stainless steel reinforced graphite sheet material comprises of two outer layers of graphite with a stainless steel core 0.05mm. Our SST material comprises two outer layers of graphite foil with a central tanged stainless-steel core 0.1mm thick mechanically bonded therefore no need for adhesive. We offer the complete process from selection of high purity graphite foil, punching the stainless steel and compressing with force to form the sheet followed by final inspection all carried out in house.

Gee Graphite Ltd, Havelock Street, Ravensthorpe Industrial Estate,
Dewsbury, West Yorkshire, WF13 3LU, ENGLAND

Tel: +44 (0) 01924 480011 Email: sales@geegraphite.com www.geegraphite.com

