



# Gee Graphite Data Sheet



## Geegraf SSR Stainless Steel Reinforced Graphite Sheet

A stronger graphite sheet material easy to cut on-site, available in one metre square sheets or cut gaskets. The material comprises two outer layers of graphite foil with a central stainless steel core 0.05mm thick. The layers are bonded together in-house with a unique high temperature adhesive bonding system that does not delaminate during punching, storage and use.

### Features

- Standard Carbon content 99% minimum.
- 0.05mm thick AISI 316 Stainless steel foil reinforcement.
- Thickness range 0.75mm to 4.0mm.
- Easily cut by traditional methods.
- Maximum service temperature 500°C in oxidising conditions.
- Maximum service temperature 750°C in inert and reducing conditions.
- Maximum service pressure 140 Bar.
- Can be used at cryogenic temperatures.
- Compressibility 40 to 50%.
- Recovery 10 to 15%.
- Good Flange design parameters and correct gasket fitting procedures should be adhered to, with maximum temperature and pressure guides not being used simultaneously.

### Availability

Code	Thickness mm	Sheet Size mm
SSR75	0.75	1000 x 1000
SSR100	1.0	1000 x 1000
SSR150	1.5	1000 x 1000
SSR200	2.0	1000 x 1000
SSR300	3.0	1000 x 1000
SSR400	4.0	1000 x 1000

Large diameter gaskets can be [Water Jet cut](#) in segments with dovetail joints are available.

**STANDARD SHEETS AVAILABLE FROM STOCK**