



# Gee Graphite Data Sheet



## Geegraf PG

### Polyurethane Reinforced Graphite Sheet

A polyurethane graphite sheet material that is easy to cut on-site, and available in one metre square sheets or cut gaskets. The material comprises two outer layers of graphite foil with a central polyurethane core. The layers are bonded together in-house, and does not delaminate during punching, storage and use.

#### Features

- Standard Carbon content 99% minimum.
- Thickness range 0.4mm to 4.0mm.
- Ultra thin polyurethane film reinforcement.
- Easily cut by traditional methods.
- Conforms readily to flange surfaces.
- Used on sight glass assemblies and metal to glass applications.
- Maximum service temperature 500°C in oxidising conditions.
- Maximum service pressure 100 Bar.
- Compressibility 40 to 50%.
- Recovery 10 to 15%.

Good flange design parameters and correct gasket fitting procedures should be adhered to, with maximum temperatures and pressure guides not being used simultaneously.

#### Availability

Code	Thickness mm	Sheet Size mm
PG40	0.4	1000 x 500
PG75	0.75	1000 x 1000
PG100	1.0	1000 x 1000
PG150	1.5	1000 x 1000
PG200	2.0	1000 x 1000
PG300	3.0	1000 x 1000
PG400	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.**