

### Overview

Our Sigraflex® Universal is a high-quality grade of Tanged Graphite Stainless Steel Reinforced Gasket Sheet used for demanding sealing applications. This gasket material has excellent temperature resistance as well as the ability to withstand very high sealing pressures (Vacuum to 100 Bar).

Produced by SGL Carbon, this material is often used for high pressure automotive or marine gaskets, high temperature flange gaskets in the energy sector and for gaskets used in the food processing, petrochemical, oil & gas, heating, chemical processing and mining industries.

Our Tanged Graphite Gasket Sheet can handle elevated temperatures (up to 550°C for some media) and has very good chemical resistance.

This gasket material is used in demanding applications, including:

- Heat exchangers and heat transfer lines.
- Gaskets for power stations.
- Flange gaskets for the chemical processing and petrochemical industry.
- Chemical storage tank gaskets.
- For marine exhaust and engine gaskets.
- High performance automotive gaskets for high pressure / high temperature sealing.
- Gaskets for inspection glass.
- Gaskets & seals for boilers, feed lines and vessels.
- Sealing corrosive media at elevated temperatures and/or pressures.
- High pressure / temperature pump gaskets.



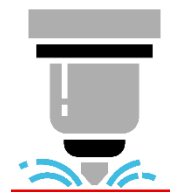
### Key Specifications

Temperature Rating Depending on Media	-250°C to +450°C
Max. Operating Pressure	Vacuum to 100 Bar
Tanged Sheet Grade	316(L) Stainless
Tanged Sheet Thickness	0.1mm
Compressibility	40%
Compressibility (ASTM F36)	40%
Recovery (ASTM F36)	12%

### Custom Sizes of Sigraflex Universal Tanged Graphite Sheets and Cut Gaskets.

All the smaller sizes of Tanged Graphite material listed on the next page are cut to size using our gasket cutting facilities. This means that we can also offer custom sheet sizes to suit your exact needs. If you do need a specific sheet size, just let us know and we'll do our best to assist.

We are also pleased to offer a complete range of Tanged Graphite gaskets. Fully customized gaskets and washers can be produced to match drawings, sketches or old gasket samples.



## Tanged Graphite Gasket Sheet Standard Sizes.

The tables below list all our standard sizes of Tanged Graphite in sheet form. To quickly find any on our website, just search for the SWM part number listed. Alternatively, browse the full range at [swiftsupplies.com.au/tanged-graphite-gasket-sheets](https://swiftsupplies.com.au/tanged-graphite-gasket-sheets)

Thickness	495mm Square Sheets	1000mm Square Sheets	1500mm Square Sheets
<b>1.5mm</b>	SWM000283P01V0001	SWM000283P04V0004	SWM000283B01V0007
<b>2mm</b>	SWM000283P02V0002	SWM000283P05V0005	SWM000283B02V0008
<b>3mm</b>	SWM000283P03V0003	SWM000283P06V0006	SWM000283B03V0009

