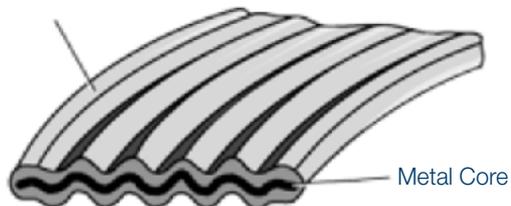




Compressible Sealing Element



### Typical Specifications

Standard Material : 316 / Graphite

Max. temperature : 450oC

Max. pressure 100 bar

Thickness: 2.5mm (standard)

## Effective Sealing at Low Stress Levels Semi Metallic Gasket

KLINGER Maxigraph 104G has a lamination of 0.5 mm, 1 density, minimum purity 98% graphite laminated to both sides, thus giving an initial soft seal enabling an effective seal to be obtained at low initial stress levels.

The standard core thickness is 0.5 mm, but can vary up to 0.79 mm, depending on customer requirements ( before corrugation ), corrugation nominal pitch is 3 mm. Nominal thickness of core after corrugation is 1.6mm.

Inner and outer steel cleats are recommended on large gaskets to increase rigidity for handling purposes. This can also improve the sealing characteristics on all sizes of gaskets and protect the inner and outer sealing face from erosion and pre mature oxidation in service.

### Applications

- » Vessel applications with narrow seating widths
- » Pipeline applications
- » Suitable for a wide range of application temperatures

### Availability

Can be manufactured from a range of metallic materials Can be manufactured with PTFE facing; KLINGER Softchem.

A sealing surface finish of between 3.2 and 6.3 Micro Metres is required for these gaskets and the design factors using ASME.

---

**KLINGER Limited**

**AUSTRALIA**

Western Australia - Head Office  
38 McDowell Street  
Welshpool WA 6106

Queensland  
Unit 3, 5-7 Roseanna Street  
Gladstone QLD 4680

Tel: 1300 798 279  
(calls within Australia)

Tel: +61 8 9251 1688  
(calls outside Australia)

**NEW ZEALAND**

Tel: +64 272 735 045

**SINGAPORE**

105 Cecil Street #07-01, The Octagon  
Singapore 069534  
Tel: +65 6827 9045

**KLINGER Thailand**

501/2 Moo 2, Tambol Mabyangporn  
Amphur Pluak Daeng  
Rayong 21140 Thailand  
Tel: +66 3306 0154