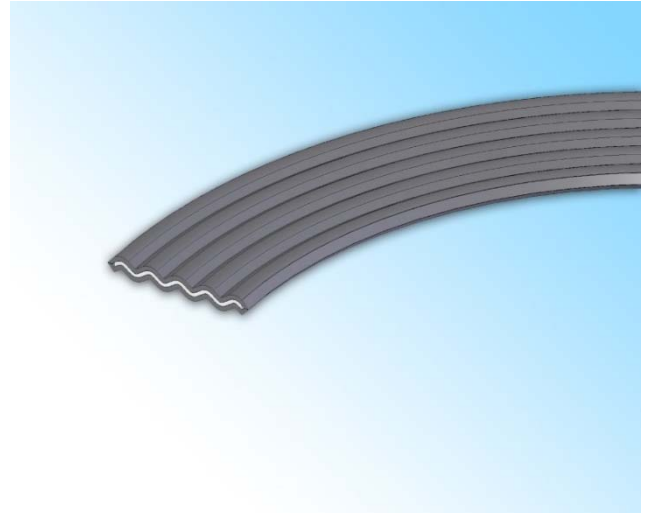




# MAXIGRAPH



Klinger Maxigraph consists of a corrugated metallic core encapsulated by a graphite coating. Excellent microsealing performance from the graphite is combined with the strength of the metallic core.

- » Corrugations in the core develop high stress areas to produce a gasket with excellent leak-tightness at low bolt loads.
- » Corrugations prevent extrusion of the facing material
- » Uniform graphite density across the profile ensures excellent adaptability of the facing at the peaks to create a good seal even on worn flanges
- » Excellent chemical resistance
- » Gasket core is totally encapsulated by the facing layer improving resistance to the process media
- » Good gasket rigidity, even for narrow sealing widths
- » Robust and easy to handle

## APPLICATIONS:

- » Vessel applications with narrow seating widths
- » Pipeline applications
- » Suitable for a wide range of application temperatures and can be used in cryogenic applications

## TYPICAL PROPERTIES:

- » Corrugated metallic core provides the gasket with improved handling characteristics over graphite laminates
- » Corrugations on the core create high stress regions to allow excellent sealing properties even with low gasket loads
- » Provides greater recovery properties than graphite laminate gaskets

## TYPICAL SPECIFICATIONS:

- |                    |                  |
|--------------------|------------------|
| » Material         | 316L/Graphite    |
| » Max. Temperature | 450°C            |
| » Max. Pressure    | 100 Bar          |
| » Thickness        | 2.5mm (standard) |

\* Other core materials available

\*\* Can be manufactured with PTFE facing; Klinger Maxiflon

### HEAD OFFICE

KLINGER Ltd  
Wharfedale Road  
Euroway Trading Estate  
Bradford BD4 6SG

Tel: 01274 688 222  
Fax: 01274 688 549  
www.klinger.co.uk  
enquiries@klingeruk.co.uk

### KLINGER RUNCORN

Tel: 01928 577 030  
Fax: 01928 575 233

### KLINGER SOUTHAMPTON

Tel: 02380 611 855  
Fax: 02380 610 360

### KLINGER ABERDEEN

Tel: 01224 772 962  
Fax: 01224 772 953

### KLINGER IMMINGHAM

Tel: 01469 575 289  
Fax: 08449 676 779

### KLINGER MIDDLESBROUGH

Tel: 01642 220 289  
Fax: 01642 220 290

### KLINGER GRANGEMOUTH

Tel: 01324 472 231  
Fax: 01324 482 111



FM 602916

FM 10571

OHS 570166

EMS 570165