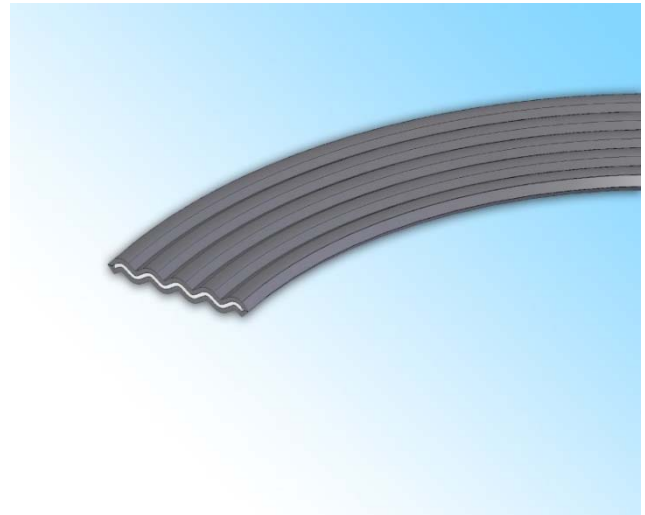




MAXIGRAPH



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

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FM 602916

FM 10571

OHS 570166

EMS 570165