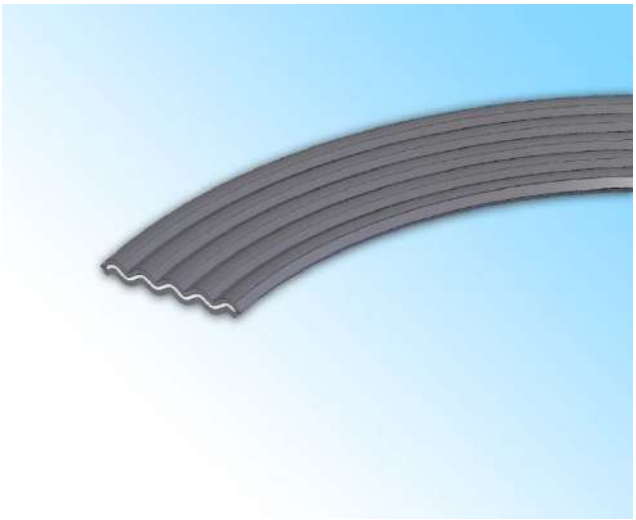
MAXIGRAPH



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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