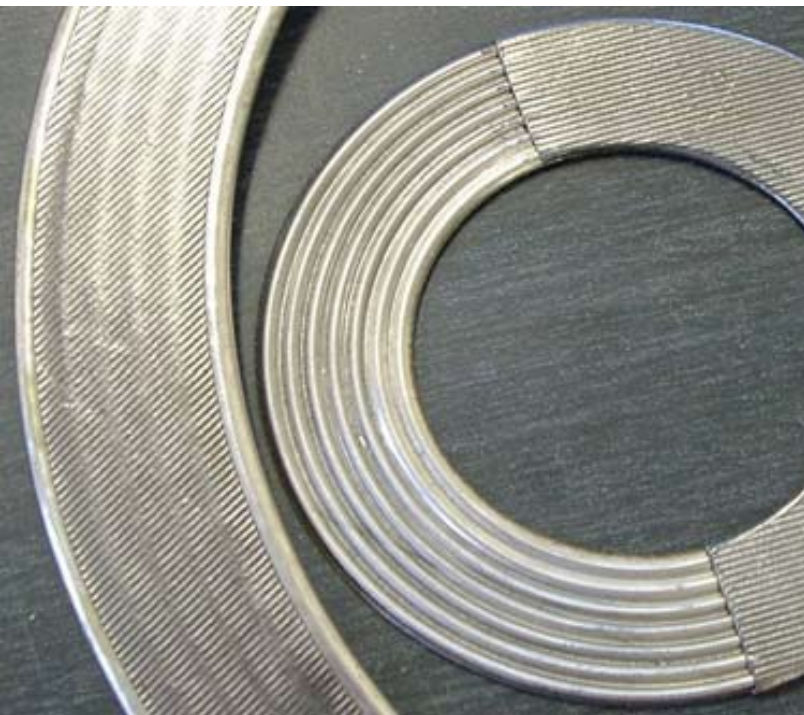




# KLINGER MAXIGRAPH

Corrugated Metal Gaskets



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## Corrugated Metal Gaskets

### Applications

- » Corrugated metal gaskets are an economic alternative to kammprofile and spiral wound gaskets in standard Class 150 and Class 300 piping flanges.
- » They can also be used in custom designed heat exchanger or pressure vessel girth flanges.
- » Where temperature limits exceed the capability of compressed fiber gasket materials, corrugated metal gaskets are often a consideration over other semi-metallic gasket options.

### Dimensions

- » Corrugated metal gaskets for standard pipe flanges are sized identically to compressed fiber gaskets, in accordance with ASME B16.21.
- » Custom dimensions can be manufactured and supplied in accordance with drawings or customer provided dimensions.
- » Standard gaskets are supplied as 3/32" thick. Other thicknesses are available on request.
- » The standard metal core thickness is 0.020" (0.5 mm) prior to corrugation.
- » Standard facing materials are 0.020" (0.5 mm) thick.

### Properties

- » For standard piping flanges the portion of the gasket outside of the flange raised face can be left unfaced, as it acts only as a centering ring.
- » Metallic cleats can be applied to either the inner edge or the outer edge, or both, to prevent direct contact between the internal media and the gasket facing material. They are also used to improve the leak tightness characteristics of these gaskets.

### Materials

- » Metal core: SS 316L (std)  
SS 304
- » Facing: Flexible graphite (std)  
PTFE  
Mica
- » Other metal alloy materials are available for chemical compatibility or process specific applications.



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