



METAL JACKETED GASKETS

Single and Double Jacketed Gaskets



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Applications

- » This most basic type of semi-metallic gasket has a compressible filler material, enclosed within a metallic jacket.
- » Can be used in high temperature and pressure applications, depending on the appropriate material selections.
- » Metal jacketed gaskets are commonly used in applications involving narrow flanges, heat exchangers, valve bonnets and exhausts.
- » Jacketed gaskets used in heat exchanger flanges can, under certain conditions, be substituted with KLINGER Maxiprofile gaskets.

Materials

- » Commonly used metallic jacket materials are:
 - » Carbon steel, SS 304 and SS 316L.
- » Commonly used filler materials are:
 - » Flexible graphite, PTFE, compressed fiber and mica.
- » Other material combinations are available on request for specific applications.

Properties

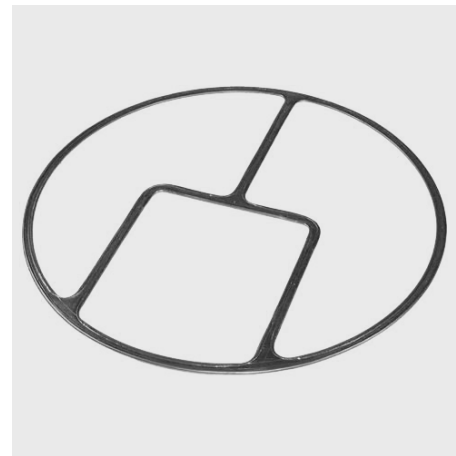
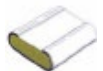
- » Due to their robust construction these gaskets are easy to handle and install.
- » They require relatively high bolt loads to provide an effective seal, and exhibit good blow-out resistance.
- » The single jacket style can be used where worn or pitted sealing surfaces are present.
- » Pass partition bar configurations are welded into position.

Styles

- » Style 100: Double Jacketed.



- » Style 101: Single Jacketed



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