



# Metal Jacketed Gaskets

*Metal Jacketed Gaskets are the most basic type of semi-metallic gaskets combining the high pressure suitability and blow out resistance of metallic materials with the improved compressibility of soft materials. Metal jacketed gaskets offer an economical seal where sealing faces are narrow and can be produced in a variety of shapes, making them a good option for heat exchanger jointing.*

## General Properties

- Economical
- Easy to handle and install
- Suitable for high temperatures
- Suitable for narrow flanges
- Good blow-out resistance

## Applications

- Heat exchangers
- Exhaust gases
- Valve bonnet gaskets
- Narrow flanges

**Head Office**  
**KLINGER Ltd**  
 Wharfedale Road  
 Euroway Trading Estate  
 Bradford BD4 6SG

Tel: 01274 688 222  
 Fax: 01274 688 549

*Metal Jacketed Gaskets can be manufactured to suit a range of chemical environments by the selection of a suitable jacketing metal, the following materials are available:*

- Soft Iron
- Stainless Steel 304, 316, 316L, 321, 410
- Soft Steel
- Monel
- Inconel
- Incoloy
- Brass
- Copper Aluminium Titanium
- Nickel
- Brass
- Copper

## Types of Metal Jacketed Gasket



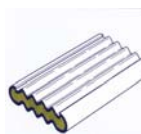
**Double Jacketed Gasket, Type 100**  
 Used on high temperature and pressure applications or where corrosion problems may exist



**Single Jacketed Gasket, Type 101**  
 Used on applications where poor or pitted flanges exist



**Single Corrugated (No Filler), Type 104**  
 Used mainly in valve applications, small recess gap



**Double Jacketed Corrugated (Soft Filler) Type 105**  
 Reduced contact area, enhances compressive characteristics, suitable for uneven flanges