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

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

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

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FILLER: CAF, Non-Asbestos Teflon, Graphite, Ceramic, and etc