

Features

Metal-jacketed gaskets are produced in a wide variety of different materials (in various combinations), in many cross-sections and in many styles. They are suitable for flanges in heat exchangers, pipe flanges, boilers and process equipment.

Design

Metal-jacketed gaskets consist of

- Metallic outer shell with an asbestos-free filler
- The filler material gives the gasket resilience
- The metal jacket protects the filler and resists pressures, temperatures and corrosion

Materials of construction

Filler materials

Non-asbestos fiber sheet, NBR/aramid fiber sheet, Graphite, Ceramic

Metal jacket materials

Soft Aluminium, Soft Copper, Brass, Carbon steel, 304 or 304L stainless steel, 316 or 316L stainless steel, 321 stainless steel, Hastelloy® B2 or C-276, Inconel® 600, Monel® 400

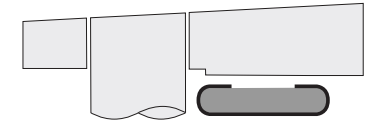
Other metals and alloys available on request.

Technical data

Pressure and temperature parameters in accordance with customer specifications. Corrosion resistance is dependent upon the choice of materials. Please ask for advice if you are uncertain of the correct selection

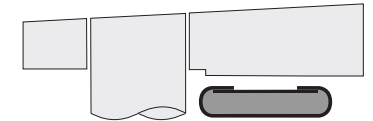
SM94

Single-jacketed – open style



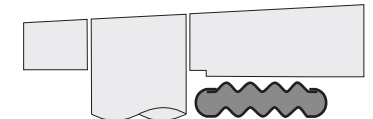
SM92

Double-jacketed, fully enclosed
Most commonly used form of jacketed gasket. Can be made to almost any size and for most applications. Can be applied in standard flanges when the required compression is higher than is allowable for cut fiber gaskets.



SM93

Corrugated Double sided, fully enclosed
Can be made to almost any size and for most applications. Can be applied in standard flanges when the required compression is higher than is allowable for cut fiber gaskets.



Waranty exclusion

In view of the variety of different installation and operation conditions as well as application and process engineering options, the information given in this datasheet can only provide approximate guidance and cannot be used as basis for warranty claims.