



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.

Modified PTFE gaskets, compressed fiber gaskets and graphite gaskets with or without reinforcement are available fitted with metal inner eyelets. As standard, the eyelets are made of 316Ti stainless steel (DIN Material no. 1.4571), with a thickness of 0.15 mm. If required, Monel can also be used for the inner eyelets.

Applications

Metal inner eyelets are used in applications where leak-free sealing is of the greatest importance. A major advantage of this type of gasket is its resistance to blow-out, in other words, when the gasket surface stress falls, the gasket is not blown out from between the flanges. Its pressure/temperature range is also higher than that of standard gaskets of the same grade.

Characteristics

- Extremely gastight
- Blow-out safe
- Higher pressure and temperature range
- Prevents media contamination

Availability

Gaskets with metal inner eyelets are available in all compressed fibre qualities, modified PTFE qualities and in graphite grades, in all standard DIN and ASME sizes.

A wide choice of materials is available for inner eyelets incl. stainless steel 316Ti, stainless steel 321, Monel, etc.

Special shaped gaskets can also be quickly made with eyelets in our production facilities. We recommend a gasket thickness of 3 mm. to ensure proper seating of the metal inner eyelet into the substrate. A thickness of 2 mm. suffices for graphite gaskets.