

Features

High quality two-component made of a corrugated stainless steelprofile ring with flexible graphite foil on both sides.

The gasket construction for an outside diameter up to 1250 mm is made in one piece, larger dimensions have a welded profile ring.

Forms of supply

Preferred standards acc. to DIN EN 1514 as well as ASME standards.

Materials

Corrugated metals are available in AISI 316L, 304 , 321, copper, brass and monel. Other materials upon request.

Waranty exclusion

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

Advantages

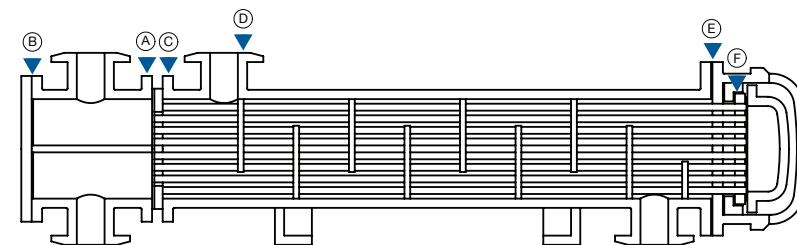
- Very low fugitive emissions performance
- High gas-tightness
- Good pressure resistance, compressibility and excellent resilience even at a permanent operating temperature of 400 °C
- Good chemical resistance
- High blow-out safety with inner eyelet
- No sticking to flange
- Does not age or become brittle
- Easy handling, not harmful to health

Operating range

- Pressure: $p = 50 \text{ bar}$
- Temperature:
 - $t = -200 \text{ °C} \dots +450 \text{ °C}$ (graphite 98 %)
 - $t = -200 \text{ °C} \dots +500 \text{ °C}$ (graphite 99.85 %)
 - $t = -200 \text{ °C} \dots +250 \text{ °C}$ (PTFE)
- Chemical resistance: $\text{pH} = 0 \dots 14$

Recommended applications

- Process industry
- Petrochemical industry
- Power plant technology
- Shipbuilding
- Covers
- Reactor vessels
- Flange connections
- Oil and gas industry
- Chemical industry
- Building services industry
- Heat exchangers
- Hatches
- Process vessels
- Pipe connections



A Channel box cover
B Tube sheet/channel cover
C Shell/tube sheet

D Flanges
E Shell cover
F Floating head