CORRUGATED GASKETS

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: \( p = 50 \) bar
- Temperature:
  - \( t = -200 \, ^\circ C \ldots +450 \, ^\circ C \) (graphite 98 %)
  - \( t = -200 \, ^\circ C \ldots +500 \, ^\circ C \) (graphite 99.85 %)
  - \( t = -200 \, ^\circ C \ldots +250 \, ^\circ C \) (PTFE)
- Chemical resistance: \( \text{pH} = 0 \ldots 14 \)

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

Features
High quality two-component made of a corrugated stainless steel profile 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.

Warnaty 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.

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Innovative service supplier for emission solutions