

Spiral-wound gaskets

Description

For applications with high temperature variations (thermal cycling), and/or pressure variations, and/or flange rotation problems etc., gaskets with adequate residual stress (stress retention), flexibility and recovery are needed. **TEADIT** spiral-wound gaskets have been designed to meet these demanding requirements.

Spiral-wound gaskets are made of a preformed metallic strip and a soft filler material (PTFE or graphite), wound together under pressure, and optionally with an inner and/or outer guide ring. The metal strip holds the filler, resulting in excellent mechanical resistance, resilience and recovery.



Material properties

Filler material	max. temperature °C (°F)
PTFE	260 (500 °F)
Graphite	450 (842 °F)*
*up to 650 °C (1,200 °F) with steam and under inert conditions	

Materials for metal strip

1.4541, 1.4571, 1.4404, 304, 316L, 321

Materials for inner ring

1.4541, 1.4571, 1.4404, 304, 316L, 321

Materials for outer ring

carbon steel with corrosion protection (painted)

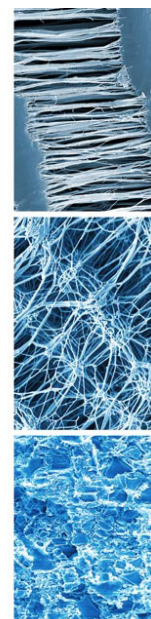
Additional materials on request.

Adaptable production

Our production offers extensive possibilities:

- special sizes
- production according to customer's specifications
- production of single gaskets
- gaskets made of special materials, etc.

NO WAY THROUGH



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