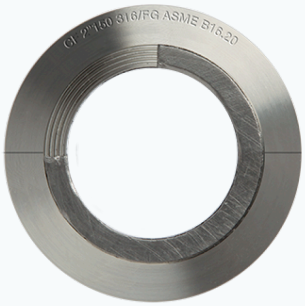
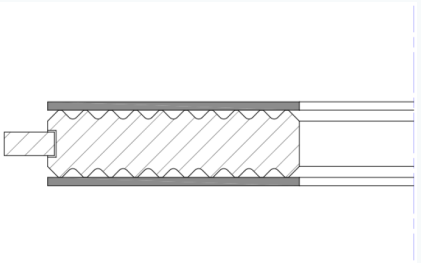
revoseal

Revoseal KJ4 Data Sheet

Kammprofile gasket with loose centering ring and graphite or PTFE facing.





PRODUCT DESCRIPTION

The revoseal KJ4 is a kammprofile gasket with loose centering ring and graphite or PTFE facing. It is mainly used on RF flanges. The loose centering ring allows the gasket to adjust within the bolt circle during assembly and operation. For heat exchangers, pass-partition bars with kammprofile can be supplied, built to match the number and shape of the distributor's partitions.

KEY BENEFITS

- **Ideal for thermal cycling**
- **High compressive strength**
- **Wide choice of designs, alloys and facings**

TECHNICAL DATA

Total thickness	5.0 mm (4.0 mm metal core + 2 × 0.5 mm graphite facings) other thicknesses on request
Metal parts	Available in various carrier materials: Stainless steel 304: T max. 550 °C Stainless steel 316/L/Ti: T max. 550 °C Stainless steel 321: T max. 550 °C Alloy 400, 600, 800, 825: T max. 600–950 °C Hastelloy C276, B2: T max. 450 °C Titanium: T max. 350 °C
Facings	Graphite: T max. 550 °C; p max. 250 bar Virgin and expanded PTFE: T max. 250 °C; p max. 100 bar Asbestos-free: T max. 400 °C; p max. 100 bar Silver: T max. 750 °C; p max. 250 bar Mica: T max. 1000 °C; p max. 120 bar
Profile	All models also available with convex kammprofile
Manufacturing standards	EN 1514-6, EN 12560-6, ASME B16.20, etc. (also available in special sizes)

TECHNICAL DATA (CONTINUED)

Flange surface finish	125–250 AARH
Graphite density	1.0 g/cm³
Gasket factors (ASTM)	m factor 2.00 · y factor 2,500 psi (17.24 MPa)
Approvals	Fire Safe API 6FB, 3rd edition · TA Luft (VDI 2440)
Graphite standard grade	Ash content ≤ 2 % (DIN 51903) Chloride content ≤ 50 ppm (DIN 28090-2) Sulphide content < 700 ppm

All data are typical values and do not replace a case-specific design. Subject to technical change.