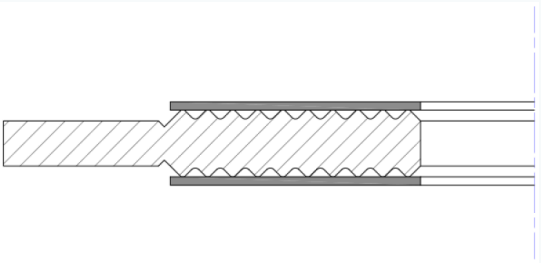
revoseal

Revoseal KJ2 Data Sheet

Kammprofile gasket with centering ring, break-off groove and graphite or PTFE facing.





PRODUCT DESCRIPTION

The revoseal KJ2 is a kammprofile gasket with centering ring, break-off groove and graphite or PTFE facing. It is mainly used on RF flanges and can replace conventional spiral wound gaskets. For heat exchangers, pass-partition bars with kammprofile can be supplied, built to match the number and shape of the exchanger'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.