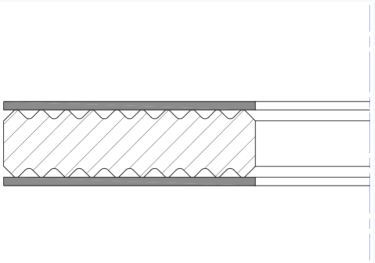
Revoseal KJ1 Data Sheet

Kammprofile gasket without centering ring, with graphite or PTFE facing.





PRODUCT DESCRIPTION

The revoseal KJ1 is a kammprofile gasket without centering ring, with graphite or PTFE facing. It is mainly used in the chemical and petrochemical sector, in all applications involving very high temperatures and pressures. For heat exchangers, it can be supplied with pass partitions (kammprofile) built to the number and shape of the equipment's distributor partitions. It can be made in one piece (depending on commercial sheet dimensions) or from a flat strip subsequently welded by TIG.

KEY BENEFITS

- **Ideal for thermal cycling**
- **High compressive strength**
- **Wide choice of designs, alloys and facings**
- **Fire Safe and TA Luft VDI 2440 approved**

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.