

Kammprofile Gaskets

UKL KAMMPROFILE Gaskets comprise of metal core with concentric grooves on either side with a soft layer of sealing material bonded to both grooved faces.

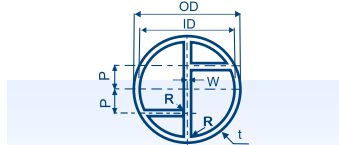
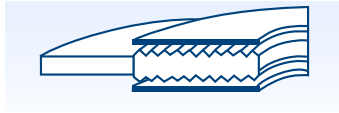
The serrated metallic core is very effective in sealing high temperature/high pressures and fluctuating conditions.

The layers protect the flange surface from damage in addition to providing an effective seal.

UKL KAMMPROFILE Gaskets are specially designed and suitable for light & heavy designed flanges. The serrated metal core can be reused, subject to inspection after cleaning and re-layering.

Advantages of Kamprofile gaskets are:

- Seals pressures up to 250 bar.
- Suitable for temperature up to 1000°C – dependent on core and layer materials used.
- Maintain effective sealing performance in varying temperature and pressure conditions.
- Easy to remove without damage to flange surfaces.
- Adaptable to suit existing arrangements, without modification.
- Less sensitive to assembly faults (inaccurate bolt tensioning)
- Reduces maintenance cost & leakage.



Gasket profiles

Type A : Parallel root core for use in confined locations including male & female, tongue & groove and recessed flange arrangements.

Type B : Parallel root core with integral centering ring suitable for raised face and flat face flanges.

Type C : Parallel root core with loose fitting centering ring which reduces the possibility of damage to the core as a result of mechanical and thermal shock.

Type D : Convex root core ensures the highest contact pressure is in the middle of the profile and excellent flow of soft sealing layer into the flange surface.

Type E : Parallel root core with pass partition bars are suitable for TEMA male & female as well as tongue & groove flanges of Heat exchangers.

Manufacturing Parameters

Metal Core Thickness – 3 mm or 4 mm
Covering layers Thickness – 0.5 mm
(Other thicknesses can also be supplied)
Cam pitch – 1mm or 1.5mm (DIN)
Max.groove depth -0.5mm or 0.75mm (DIN)
Integral Centering ring Thickness - 2.0mm
Floating Centering ring Thickness – 0.5mm to 1.5mm

Range:

- 15mmNB to 600mmNB to suit ASME/ANSI B16.5- 150# to 2500#
- 10mmDN to 1400mmDN to suit DIN 2697 PN 10 to PN 400
- Non-Std: As per Customer requirement: 10mm to 3000mm
- Heat Exchanger application with all type of pass partition bar configuration.

Pass partition bars, wherever required, are provided in welded pass bar construction only.
With a welded pass Partition bar arrangement the fluid is retained by the primary seal at the inner diameter of the gasket. The welded construction of the bars results in two independent seals: The primary seal at the inner diameter and the secondary seal at the outer diameter. Thus the primary seal maintains its function, providing a seal of higher integrity. Many standard bar configurations are available, special configurations on request.

Standard materials:

Metal core: CS/SS304/SS316L/SS321/SS347. **Soft Facing Material:** Graphite/CAF/PTFE. (Exotic material also available upon request)

Also available : **UKL Fluid Sealing Division:**

Full Range of Cut gaskets, Spiral wound Gaskets, Metal Jacked Gaskets, Kammprofile Gaskets, Non Asbestos Gland Packing, Expanded PTFE sheets, Graphite Sheets, Graphite Roll & Slit Coil.

Fluid Control Division:

Piston Valves, Bellow Sealed Valves.
Steam Traps - Thermodynamic/Inverted Bucket/Bimetallic
Thermostatic, Ball Float.
Strainers "Y" Type, Level Gauges-Reflex & Transparent.
Condensate Recovery System, Pressure Reducing Station,
Hot Water Generation System.

In view of technical progress designs and dimensions are subject to change without notice.



UNI KLINGER LIMITED (Fluid Sealing Division)

A joint venture of the NETERWALA group of companies and KLINGER AG. Switzerland.

Sales Office : SC1, 5th Fl., Kohinoor Estate. Mumbai-Pune Highway, Khadki, Pune-411003.

Tel.: 91-20-41023000 Fax: (020) 41023001

e-mail: salescso@uniklinger.com Website: www.uniklinger.com

Factory : GAT No 1240, S No 140, Village Vadu Budruk, Koregaon Bhima, Tal. Shirur, Dist - Pune - 412 216.

Tel.: (02137) 676900 Fax: (02137) 676928 e-mail: fsdworks@uniklinger.com



Branch Offices :

Baroda :
102, Offtel Towers II,
1st Floor,
R.C. Dutt Road,
Baroda- 390 005.
Tel.: 91-265-2312343/2340660
Fax : 91-265-2341419
salesbar@uniklinger.com

Chennai :
East Coast Centre,
5th Floor, 553, Mount Rd.,
Teyanampet,
Chennai- 600 018.
Tel.: 91-44-24345707
Fax :91-44 -24343960.
saleschen@uniklinger.com

Kolkata :
9, 'CHITRAKOOT',
8th Floor, 230 A,
A/JC Bose Road,
Kolkata- 700 020.
Tel.: 91-33-22872510
Fax: 91-33-22876494
salescal@uniklinger.com

Mumbai:
Unit 203, A, Godrej Two,
Eastern Express Highway,
Pirojsha nagar,
Vikhroli East,
Mumbai-400079
Tel.: 91-22-49689114
salesmum@uniklinger.com

New Delhi:
1003,10th Fl, Indra Prakash Bldg,
21, Barakhamba Road,
Connaught Place,
New Delhi - 110001
Tel.: 91-11-41658767
Fax: 91-11-41658768
salesdel@uniklinger.com

Pune:
Sc1, 5th Fl., Kohinoor Est.
Mumbai-Pune Highway,
Khadki, Pune-411003
Tel. : 91-20-25811606
: 91-20-32500229
Fax : 91-20-25824643
salespune@uniklinger.com