



# Kamprofile Gaskets

Kamprofile gaskets offer a safe, effective seal under the most exacting conditions on both standard pipework and specialist applications. It offers excellent flexibility and recovery characteristics, allowing seal integrity under pressure and temperature fluctuations, temperature differential across the flange face, flange rotation, bolt stress relaxation and creep.

The Kamprofile is comprised of concentrically serrated solid metal core with a soft, conformable sealing material bonded to each face. The soft facing material provides low stress gasket seating, while the serrated geometry of the metal core enhances sealing performance by inducing stress concentrations on the sealing surfaces. The serrations minimize lateral movement of the facing material, while the metal core provides rigidity and blowout resistance.

## Features and Benefits

- ✓ Gasket will not damage the flange surface and can be easily removed
- ✓ Reduced maintenance costs due to longevity of gasket and increase reliability
- ✓ Seals damaged and imperfect flanges
- ✓ Handles pressures from Vacuum to Class 2500
- ✓ Accommodates all standard ASME flanges as well as non standard sealing faces
- ✓ Withstands temperatures from cryogenic to 1090°C (depending on sealing material or metal)

### Serrated Solid Metal Core

- ✓ Solid Metal core resists cold flow, overcompression and blow out
- ✓ Facilitates handling and installation
- ✓ Available in wide variety of materials including Stainless Steel, Titanium, Soft Iron, Monel, Incolloy & Hastalloy
- ✓ Rigid core provides superior stability even in larger sizes

### Deformable, Softer Sealing Material

- ✓ Seals under low stress, ideal for delicate flanges
- ✓ Withstands extreme fluctuations in temperatures & pressures
- ✓ Available in wide variety of materials including Graphite, Mica, PTFE (Teflon), Compressed Fibre or Metal (eg Aluminium)
- ✓ Under compression, fills seating surface imperfections to form a tight, metal to metal seal

