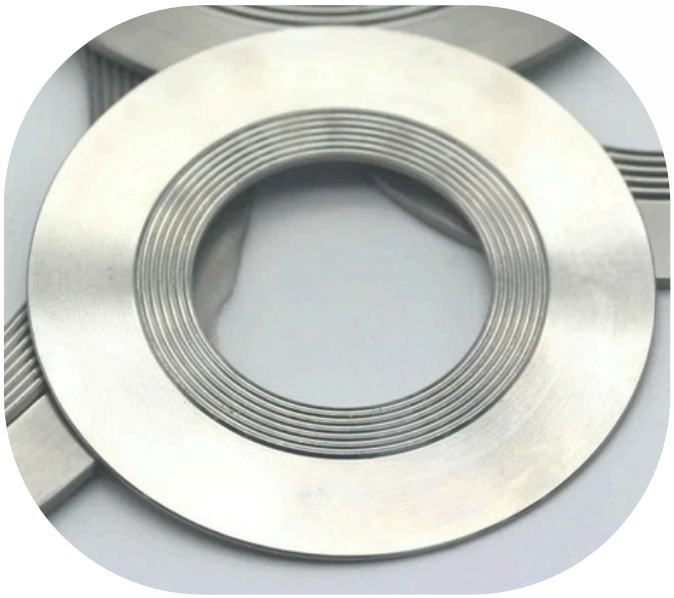
GASKONIX
ENGINEERING PVT. LTD.

KAMMPROFILE GASKETS



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The GASKONIX'S Kamprofile is a composite gasket which utilises a serrated metal core with a soft facing material. The metal core is a machined on each contact face with concentric serrations which provide high pressure areas, ensuring that the soft coating flows into any imperfections in the flange even at relatively low bolt loads. The soft facing material is engineered to compress in to the serrations on the core and form a thin film across the peaks creating the ideal sealing density in the grooves of the profile. The result is a gasket which combines the benefits of soft cut materials with the advantages of seal integrity associated with metallic gaskets. Expanded graphite is the most common facing material used for Kammprofile gaskets. However, other materials can be used, such as PTFE for chemically aggressive duties or mica for high temperature service. Kammprofile gaskets can also be manufactured from a range of core materials according to media compatibility and temperature considerations.

ADVANTAGES

- Heat exchanger and vessel applications
- High and low temperatures
- Pressures of up to 250 bar
- Low bolt loads
- Narrow flange widths
- Damaged flanges

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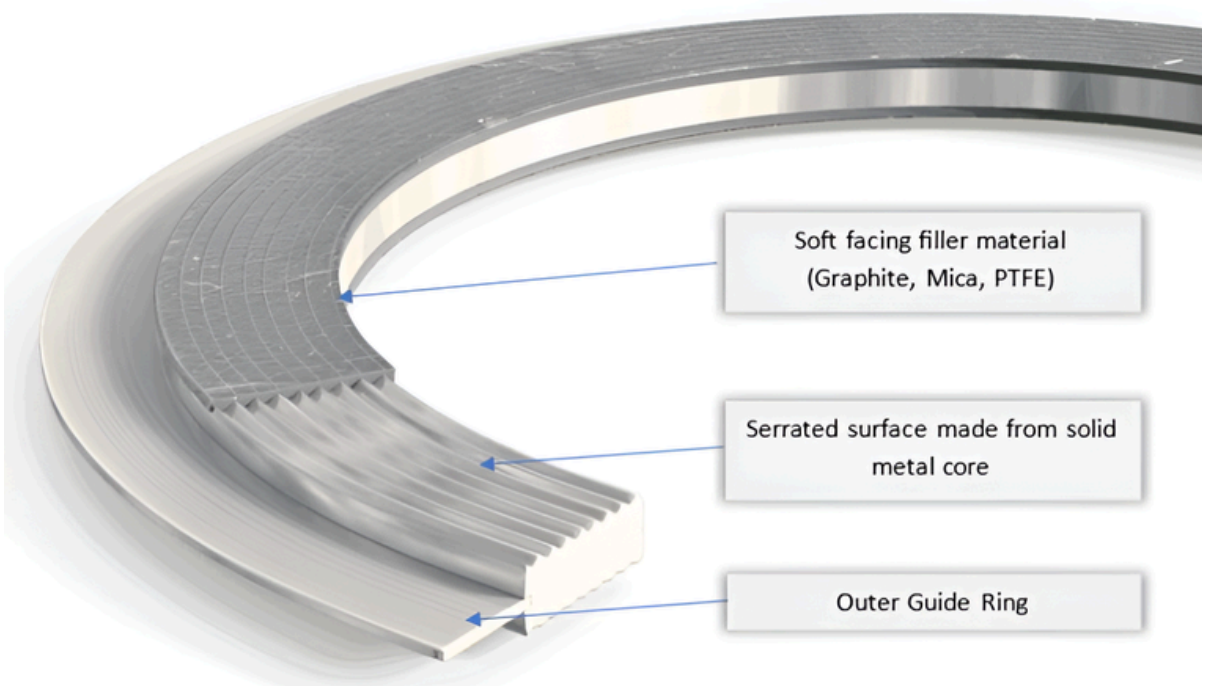
TYPICAL SPECIFICATIONS

CORE MATERIAL	316 /304 or Upon the Material request- 3.0, 4.0, 5.0mm	
FACING MATERIAL	Graphite /PTFE/MICA- 0.5mm (Upon the request)	
FACING DENSITY	1 g/cm3 (alternative 0.7g/cm3) (Depends on Facing Material)	
MAX. TEMPERATURE	550°C	
MAX. PRESSURE	>400 bar	
GASKET FACTOR	M Value = 4	Y Value = 10,000psi
SUITABILITY	For flanges to:	ASME B16.5 DIN standards, BS 10, JIS standards and custom designs



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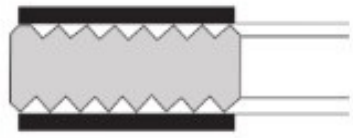
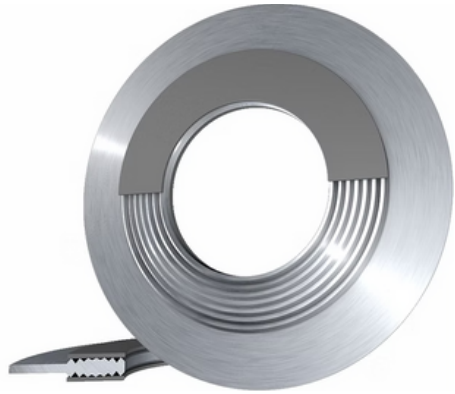
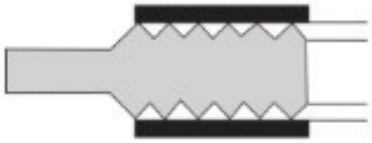
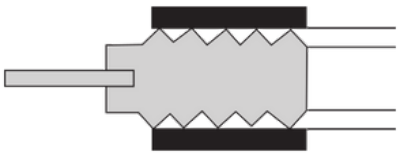
KAMMPROFILE TYPES

	Type WGR 	Used for vessels and heat exchangers. Lateral profiled joint without guide ring for male and female, tongue and groove and grooved flanges.
	Type IGR 	Used for standard pipework. Lateral profiled joint with guide ring for raised and flat face applications
	Type LGR 	Used for large diameter standard pipework. Lateral profiled joint with floating guide ring for raised and flat face

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