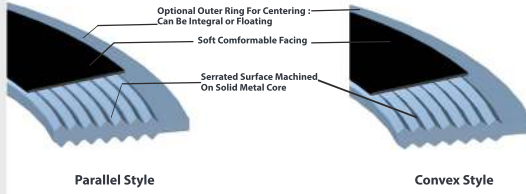


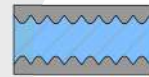


Kammprofile Gaskets for Your Industry

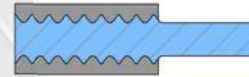
Kammprofile gaskets with grooved (profiled) surfaces have proven to be very effective for sealing flange connections, and suitable for applications with high pressures, high temperatures, and fluctuating conditions. Non-metallic cover layers when supported by the grooved metallic gasket provide excellent sealing properties, ensuring that flanges are not damaged even at extreme loads. Kammprofile gasket is the preferred gasket solution when improved performance at low seating stresses is required. It features excellent anti-blow-out properties. A tighter joint is provided with a reliable solid metal-to-metal seal combined with a soft sealing face.



TYPE OF GASKETS



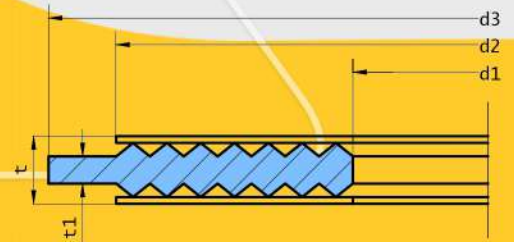
TYPE FF are suitable for tongue and groove and male-female flanges in pipe joints and vessels or as a heat exchanger gasket



TYPE FR are utilizing an integral outer locating ring for correct gasket positioning within the material flange bolt circle

SIZES

Upon request, the grooved (profiled) gaskets can be manufactured in various shapes and sizes



ADVANTAGES

- Sealing pressures exceeding 250 bar
- Temperatures up to 700 °C
- Effective in maintaining performance under conditions of fluctuating temperatures and pressures
- Solid construction provides stability even for large diameters

STANDART FACING MATERIALS

Standart facing thickness is 0.5mm (0.020*): Other thicknesses and materials are available to suit specific applications

Facing Material	Max Temperature	Seating Stress at Rom Temp	
		Min. MPa (PSi)	Max. MPa (PSi)
Songraf Flexible Graphite	650°C (1200°F)	17 (2500)	500 (72500)
Non - Asbestos Sheet	175-400°C (350-750°F)	23 (3300)	500 (72500)
PTFE & ePTFE	260°C (500°F)	17 (2500)	500 (72500)

STANDART CORE MATERIALS

Standart core thickness is 4mm as normal (0.16*): Other thicknesses and materials are available to suit specific applications

Core Material	Temperature
Stainless Steel	535-870°C (1000-1600°F)
Carbone Steel	425°C (800°F)
Brass	260°C (500°F)
Copper	316°C (600°F)
Aluminium	425°C (800°F)
Monel	815°C (1500°F)
Nikel	760°C (1400°F)
Inconel	1100°C (2000°F)

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