



# Maxiprofile

The Klinger Maxiprofile 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 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 Maxiprofile gaskets. However, other materials can be used, such as PTFE for chemically aggressive duties or mica for high temperature duties.

<b>Facing Material</b>	<b>Maximum Temperature</b>
Graphite	550 °C
PTFE	260 °C
Mica	1000 °C
KLINGERSil C-4430	250 °C

Maxiprofile gaskets can also be manufactured from a range of core materials according to media compatibility and temperature considerations.

<b>Core Material</b>	<b>Maximum Temperature</b>
Stainless Steel 316L	550 °C
Stainless Steel 304	550 °C
Monel 400	600 °C
Nickel 200	600 °C
Inconel 600	900 °C
Inconel 625	450 °C
Incoloy 825	450 °C
Hastelloy B-2	450 °C
Hastelloy C-276	450 °C
Titanium	350 °C





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