KLINGER MAXIFLEX

Material and Temperature Specifications

KLINGER Maxiflex spiral wound gaskets can be manufactured from a wide range of metals to resist against chemical attack and temperature related degradation and used in combination with either graphite, PTFE or mica filler in accordance with ASME B16.20. Gaskets are color coded to help expedite the selection and identification of the gaskets. The filler material is indicated with a color stripe on the OD. The color on the entire outer edge of the OD indicates the winding material.

Please note: The temperatures given are for guidance only and do not apply in all fluids. Please contact Thermoseal's customer service department for advice.

KLINGER Maxiflex spiral wound gasket dimensions available in accordance with ASME B16.20 used with ASME B16.5 or ASME B16.47 flanges. DIN, BS10, and JIS standards are available upon request.

Custom special gaskets are also available upon request.

Filler Material	Maximum Temperature	ASME B16.20 Color Coding
Graphite	932°F / 500°C	Grey Stripe
PTFE	500°F / 260°C	White Stripe
Mica	1832°F / 1000°C	Light Green Stripe
Mica and Graphite	1652°F / 900°C	N/A

Metallic Winding Material	Maximum Temperature	ASME B16.20 Color Coding
Carbon Steel	932°F / 500°C	Silver
304L Stainless Steel	1202°F / 650°C	Yellow
316L Stainless Steel	1472°F / 800°C	Green
347 Stainless Steel	1598°F / 870°C	Blue
321 Stainless Steel	1598°F / 870°C	Turquoise
Monel 400	1472°F / 800°C	Orange
Nickel 200	1112°F / 600°C	Red
Titanium	842°F / 450°C	Purple
Hastelloy B-2	932°F / 500°C	Brown
Hastelloy C-276	842°F / 450°C	Beige
Inconel 600	1832°F / 1000°C	Gold
Inconel 625	842°F / 450°C	Gold
Inconel X-750	1832°F / 1000°C	Light Grey

When ordering, please specify: Gasket Style, Nominal Pipe Size, Pressure Class, Gasket Standard, Outer Ring Material/Winding Material/Filler Material/Inner Ring Material

Example: CRIR 2" 150# B16.20 CS/316L/GRA/316L

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