

Basis

KLINGERmilam is an asbestos-free sealing material on a mica basis with perforated 0.1 mm thick stainless steel reinforcement made of 1.4401 or AISI 316

KLINGERmilam is specifically suitable at aggressive acids and high temperatures.

It is also suitable above the typical application temperatures of Graphite.

High-Temperature Gasket Material based on Mica with Perforated Stainless Steel Reinforcement 1.4401 or AISI 316

Typical values		PSS 130	PSS 320
Compressibility ASTM F 36 A	%	12-15	18-23
Recovery ASTM F 36 A	%	50-55	45-50
Stress relaxation DIN 52913 50 MPa, 16 h/300 °C	MPa	40	30
Tensile strength DIN 52910	MPa	22	20
Tensile strength ASTM F 152	MPa	25	21
Ignition loss DIN 52911	%	<5	<15
Sealability for nitrogen at 30 MPa and 6 bar, temperature within 100 to 400 °C (Sample size 90 x 50 mm) max.	ml/min	0,20	on inq.
Thickness increase ASTM F 146 Oil JRM 903: 5 h/150 °C	%	12	5
Weight increase ASTM F 146 Oil JRM 903: 5 h/150 °C	%	26	281
Max. gasket load	MPa	100	80
Density DIN 3754	g/cm ³	2.1	1.8
Max. temperature*	°C	900	900
Thickness	mm	1.3	3.2

* depending on installation and service conditions.

Sizes available

Dimensions of the standard sheets
1000 x 1200 mm

Thicknesses:

PSS 130 = 1.3 mm,

PSS 320 = 3.2 mm

Additional sizes on request.

Tolerances:

thickness +/- 10%

length and width +/- 50 mm

Function and durability

The function and durability of the Klinger Gaskets depends largely on the installation conditions which we as manufacturers cannot influence.

We therefore only guarantee a perfect condition of our material.

With this in mind, please also observe our installation instructions.

Certified according to DIN EN ISO 9001.

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