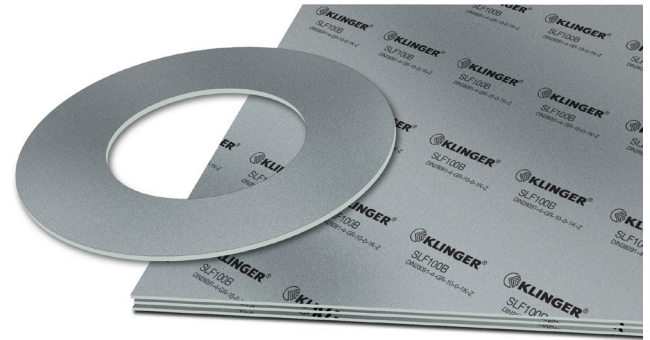


KLINGER® Graphite Laminate SLF the quality material for many gasket applications.

Comprising two layers of flexible graphite and an 0.3 mm high-temperature resistant graphite and fiber-based insert, this material combines easy handling with superior long-term sealing performance. Compliant with the German Technical Instructions on Air Quality Control (TA Luft), this graphite gasket is the ideal choice for applications demanding minimal fugitive emissions.



Basis composition Two layers of flexible graphite and a 0.3 mm thick high-temperature resistant graphite and fiber-based insert.

Color Grey

Certificates TA-Luft (Clean air)

Sheet size 1000 x 1500 mm

Thickness 1.5 mm, 2.0 mm

Tolerances

Thickness: ± 5 %

Length: ± 5 mm

Width: ± 5 mm

Industry

General industry / Chemical / Oil & Gas / Energy / Pulp & Paper / Marine / Automotive

TECHNICAL DATA - Typical values for a thickness of 2.0 mm

Density of the graphite layer	DIN 28090-2	g/cm ³	1.0
Purity of graphite	DIN 51903	%	> 99
Graphite and fibre based insert	Thickness	mm	0.3
	Number of sheets		1
Compressibility	ASTM F 36 A	%	40
Recovery	ASTM F 36 A	%	14
Compression creep DIN 52913	16 h/ 50 MPa/ 300°C	MPa	≥40
KLINGER cold/hot compression 50 MPa	Thickness decrease at 23°C	%	42
	Thickness decrease at 300°C	%	10
Specific leak rate	DIN 28090-2	mg/(s x m)	0.05
Chloride content of graphite layer	DIN 28090-2	ppm	≤ 40

