



**KLINGERSIL® K-1000S**

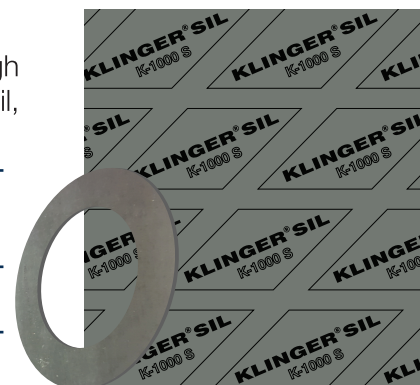
Sealing material with wire mesh and high mechanical resistance, for high temperatures and pressures. Developed for application in steam, thermal oil, exhaust gases and other special applications.

**Material** Sealing material with wire mesh, aramid fiber, graphite and NBR rubber.

**Color** Black / black

**Sizes** 2000x1500mm | 4000x1500mm

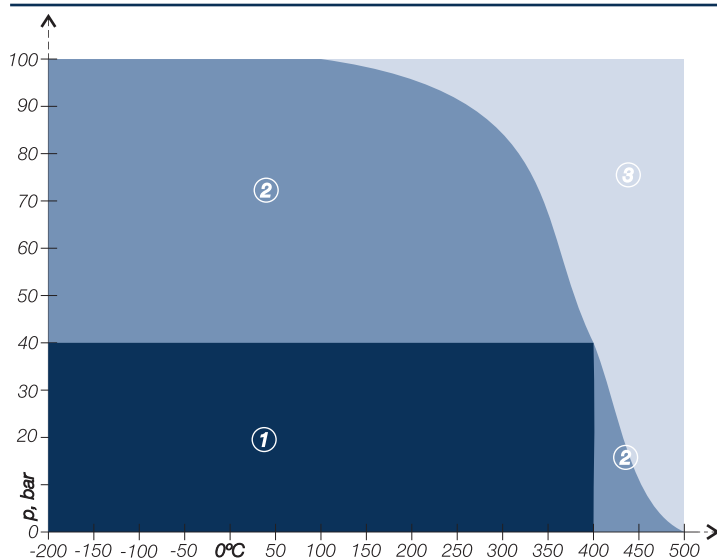
**Thicknesses** 0,8 mm - 6,4mm



**Technical Data - Typical values \* thickness for 1.5mm**

<b>Compressibility ASTM F 36 A</b>		%	10
<b>Recovery ASTM F 36 A</b>		%	50
<b>Heat loss DIN 52911</b>		%	18
<b>Stress relaxation BS 7531</b>	40Mpa / 300°C	Mpa	26
<b>KLINGER hot compression 50 Mpa</b>	Thickness decrease at 23°C	%	11
	Thickness decrease at 300°C	%	10
<b>Thickness increase after fluid (ASTM F 146)</b>	Oil ASTM N° 3: 5h a 150°C	%	4
	Fuel B: 5h a 23°C	%	6
<b>Weight increase after fluid (ASTM F 146)</b>	Oil ASTM N° 3: 5h a 150°C	%	12
	Fuel B: 5h a 23°C	%	10
<b>Density</b>		g/cm3	1,95

\* Reference numbers between allowed value ranges. For information on the value ranges, contact us.



**Pressure and Temperature Chart**

- ① If the temperature and pressure of your application are in this area, technical assessment is not necessary.
- ② If the temperature and pressure of your application are in this area, a technical assessment is recommended.
- ③ If the temperature and pressure of your application are in this area, a rigorous technical assessment must be carried out.

