



KLINGERSIL® C-4500

High performance material, designed for use in the chemical industry. Suitable for use with alkaline agents with high pressures and temperatures.

Material Sealing material with carbon fiber and NBR rubber.

Color Black / black

Sizes 2000x1500mm | 4000x1500mm

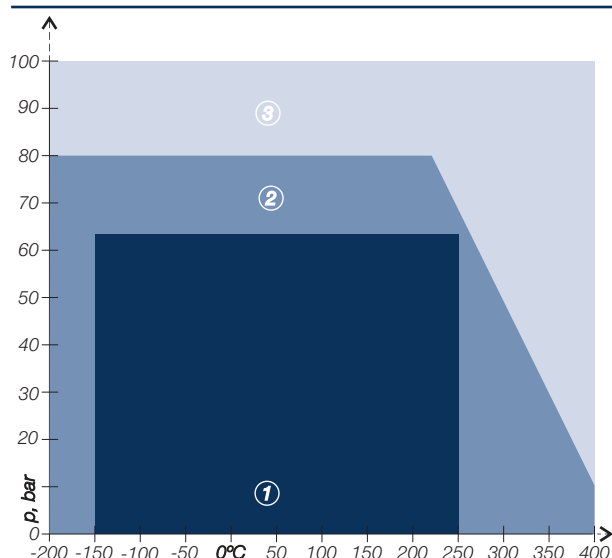
Thicknesses 0,4 mm - 6,4mm



Technical Data - Typical values * thickness for 1.5mm

Compressibility ASTM F 36 A		%	12
Recovery ASTM F 36 A		%	55
Heat loss DIN 52911		%	30
Stress relaxation BS 7531	40Mpa / 300°C	Mpa	24
KLINGER hot compression 50 Mpa	Thickness decrease at 23°C	%	14
	Thickness decrease at 300°C	%	15
Thickness increase after fluid (ASTM F 146)	Oil ASTM N° 3: 5h a 150°C	%	5
	Fuel B: 5h a 23°C	%	6
Weight increase after fluid (ASTM F 146)	Oil ASTM N° 3: 5h a 150°C	%	15
	Fuel B: 5h a 23°C	%	15
Density		g/cm3	1,50

* 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.