

KLINGERSIL® C-4408

KLINGERSIL® C-4408 is suitable for high stress due to wire reinforcement. It is a universal high-pressure gasket for the use in a wide range of industrial applications.

Aramid fibres bonded with NBR.
Resistant to oils, water, steam, gases, fuels, alcohols, hydrocarbons, lubricants and refrigerants.



Key features:

- » Wire reinforcement
- » Improved stress relaxation

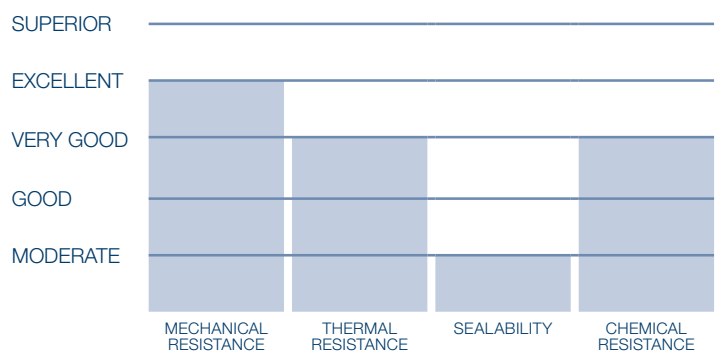
Benefits:

- » Suitable for higher pressures
- » Higher resistance against blow-outs
- » More safety at high internal pressures

Certificates and approvals:

- » German Lloyd

Properties: referring to KLINGERSIL® product range



Industries:



Typical technical data for thickness 2.0 mm:

Compressibility ASTM F 36 J		%	8
Recovery ASTM F 36 J		%	50
Stress relaxation DIN 52913	50 MPa, 16 h/300°C	MPa	28
Stress relaxation BS 7531	40 MPa, 16 h/300°C	MPa	28
KLINGER cold/hot compression	thickness decrease at 23°C	%	10
50 MPa	thickness decrease at 300°C	%	18
Thickness increase after fluid immersion ASTM F 146	oil IRM 903: 5 h/150°C	%	5
	fuel B: 5 h/23°C	%	5
Density		g/cm ³	1.9
Classification acc. to BS 7531:2006	Grade Y		

Dimensions of the standard sheets:

Sizes:

1000 x 1500 mm, 2000 x 1500 mm

Thicknesses:

0.5 mm, 1.0 mm, 1.5 mm, 2.0 mm, 3.0 mm

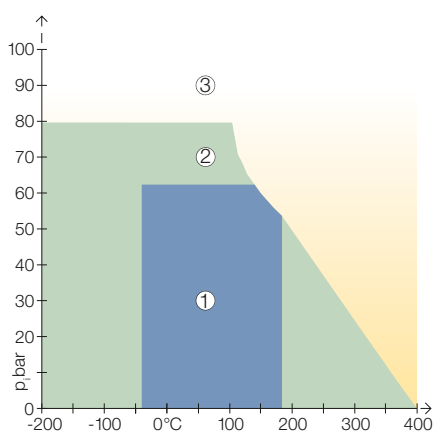
Tolerances:

Thickness acc. DIN 28091-1

Length ± 50 mm, width ± 50 mm

Other thicknesses, sizes and tolerances on request.

pT diagram for thickness 2.0 mm:



①

In area one, the gasket material is normally suitable subject to chemical compatibility.

②

In area two, the gasket material may be suitable but a technical evaluation is recommended.

③

In area three, do not install the gasket without a technical evaluation.

Always refer to the chemical resistance of the gasket to the media.

