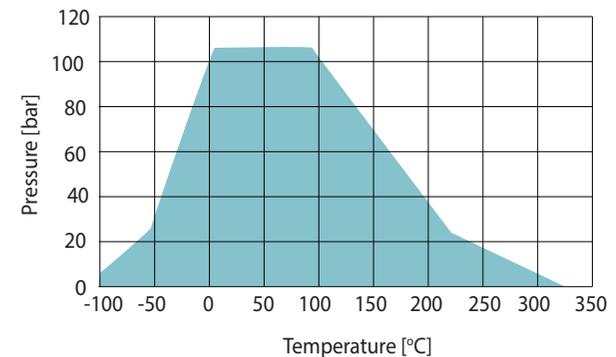
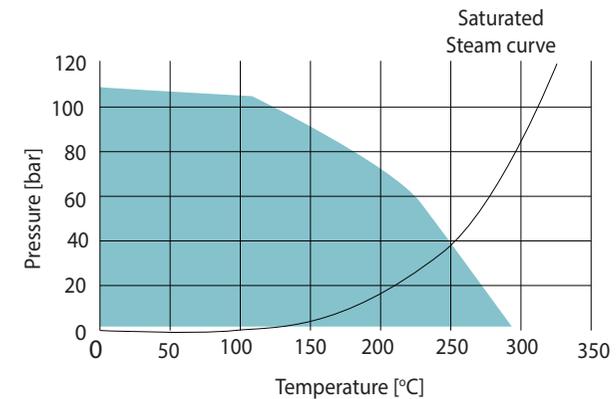


Service

"The steam gasket". Efficient due to the matrix from aramid and irregular surface bundles of graphite. Set standards as one of the first reliable gasket materials in steam applications after asbestos was banned. Continuous modifications and improvements ensures it is still in the standard.

Recommendations for use

According to pressure and temperature



The temperature and pressure recommendations in the graphs apply to gaskets with a thickness of 2.0 mm and smooth flanges. Higher stresses are possible when thinner gaskets are used!

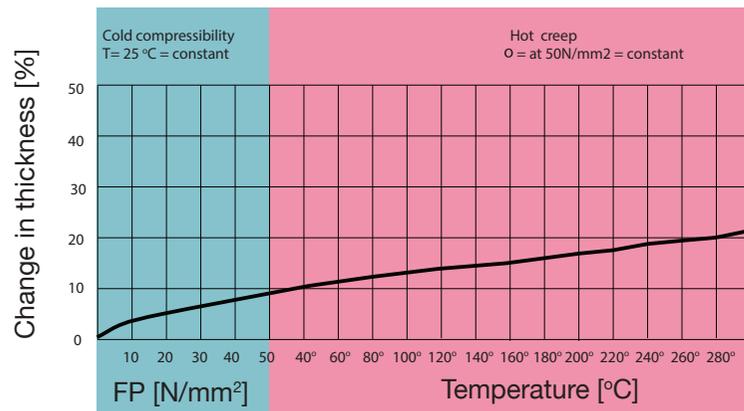
*Example for most common other media. Exact data for specific individual cases, contact our application engineering specialists.

Warranty exclusion

In view of the variety of different installation and operation conditions as well as application and process engineering options, the information given in this datasheet can only provide approximate guidance. There is as a result no basis for warranty claims.

Temperature Test

At 50 MPa - sample thickness 2.0 mm



Product data

- Dimensions in mm: 1000 x 1500
1500 x 1500
3000 x 1500

- Thicknesses in mm:
0.3, 0.5, 0.75, 1.0, 1.5, 2.0, 3.0, 4.0

- Further dimensions and thicknesses are available on request

General data

Binders NBR

Approvals

Colour

Anti-stick coating

Sheet size & thickness tolerance

DVGW, Ta Luft, Bam, Germ, Loyd,
Bs 7531 Grade X

Blue

optional

according to DIN 28 091-1

Physical properties

Gasket thickness 2.0 mm

Density

Standard

Unity

Value*

DIN 28 090-2

[g/cm³]

1.50

Tensile strength DIN 52 910
longitudinal
transverse

[N/mm²]

[N/mm²]

26

9

Residual stress $\sigma_{dE/16}$
175 °C
300 °C

DIN 52 913

[N/mm²]

[N/mm²]

32

22

Compressibility
Recovery

ASTM F 36 J

ASTM F 36 J

[%]

[%]

7

60

Cold compressibility ϵ_{KSW}
Cold recovery ϵ_{KRW}

DIN 28 090-2

DIN 28 090-2

[%]

[%]

6

3

Hot creep $\epsilon_{WSW/200}$
Hot recovery $\epsilon_{WRW/200}$

DIN 28 090-2

DIN 28 090-2

[%]

[%]

10

2

Specific leakage rate
Tensile strength transverse

DIN 3535-6

DIN 52 910

[mg/(s·m)]

[N/mm²]

0.08

12

Fluid resistance
ASTM IRM 903
Weight change

ASTM F 146

5h/150°C

[%]

6

Thickness increase

[%]

3

ASTM Fuel B 5h/23°C
Weight change
Thickness increase

[%]

[%]

8

4

Leachable Chloride content

QS- 001-133

[ppm]

=< 150

* Mode (typical value)