

KLINGER-KGS NR

Material:

NR = Natural rubber (SMR)

Application field:

Water, closed loop water arrangements, soluted lyes at max. 50 % conc. and max. 80°C

Colour:

black

Hardness:

DIN 53505, Shore A 60-80 +/-5

Density:

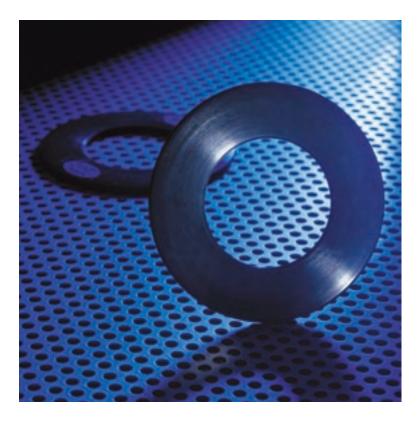
DIN 53479, g/cm³ 1.384

Temperature:

approx. +80°C, short-term up to +90°C

Certificates:

Approval of own test facility



Chemical resistance

Vulcanisates of natural rubber (NR) are resistant against:

- water, seawater, pond water, closed loop water up to 90°C
- partly against alkalines, 50% NaOH at 50°C
- sufficient resistant against natural lighting, weather and ozone

Vulcanisates of natural rubber (NR) are not resistant against:

fuel, mineral oils, acids and gases

Application field

The application of NR-vulcanisates is possible where natural media have to be sealed. Temperatures higher than 90°C have to be avoided.

Function and durability

The performance and life of KLINGER gaskets depend in large measure on proper storage and fitting, factors beyond the manufactor's control.

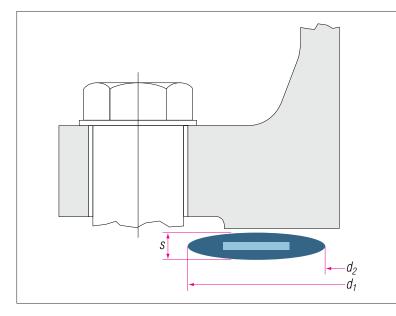
We can, however, vouch for the excellent quality of our products.

With this in mind, please also observe our installation instructions.

Subject to technical alterations. Status: February 2003



Rubber-Metal-Gasket acc. to DIN EN 1514-1, Form IBC



The gaskets are made of elastomere butadien-rubber in different types - with inside vulcanised steel ring.

The NBR-GW-type is approved by DVGW and recommended according to KTW (potable water application).

Example for order: Rubber-Metal-Gasket KLINGER-KGS made of NBR-GW according to DIN EN 1514-1, Form IBC DN 500, PN 10

Sizes at the measurement table:

 $d_1 = Inner diameter$ $d_2 = Outer diameter$ s = Thickness

Vulcanised rubber gasket, cross section in lens form, rounded edges.

Inside vulcanised steel ring, therefore good reception of the bolt force.

Outer diameter of the KGS fits to the inner bolt circuit for self centering.

Dimension in DIN EN 1514-1 (replaces DIN 2690) for the pressure ratings PN 6 to PN 40.

Dimensions in mm.

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