

KLINGER-KGS NBR-GW

Material:

NBR-GW

Application field:

Gas and potable water.

Approved according to pr EN682
(DIN E 3535T3)

approved according to KTW D1/D2,
1.3.31 of national health service
for potable water

Colour:

black

Hardness:

DIN 53505, Shore A 70 +/-5

Density:

DIN 53479, g/cm3 1.196

Temperature:

approx. +100°C, short-term up to +130°C

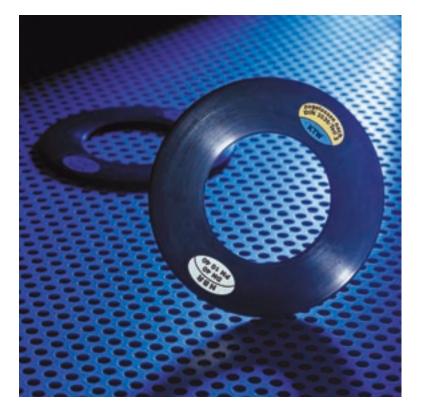
Certificates:

DIN/DVGW -approval-no. NG-5113 AO 0853. KTW-approval (potable water application)





Hygiene-Institut des Ruhrgebiets



Chemical resistance

NBR-rubber is resisting against:

- aliphatic hydrocarbons (mineral oils and greases, diesel fuel, petrol)
- many of diluted acids and alkalines at ambient temperature
- water and many salt dilutions at ambient temperature
- animal and vegetable oils and greases

NBR-rubber is not resisting against:

- aromatic and chlorinated hydrocarbons
- highly oxidising acids
- polar solvents

Application field

The NBR type have a good chemical resistance against aliphatic hydrocarbons, mineral oils and greases, diesel fuel and petrol.

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.

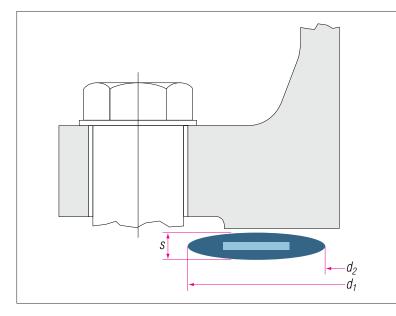
We can, however, vouch for the excellent quality of our products.

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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1800 8 1820 1931 1972 1964 2000 -		_	2000	1964	1972	1931	1820	8	00	180
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