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

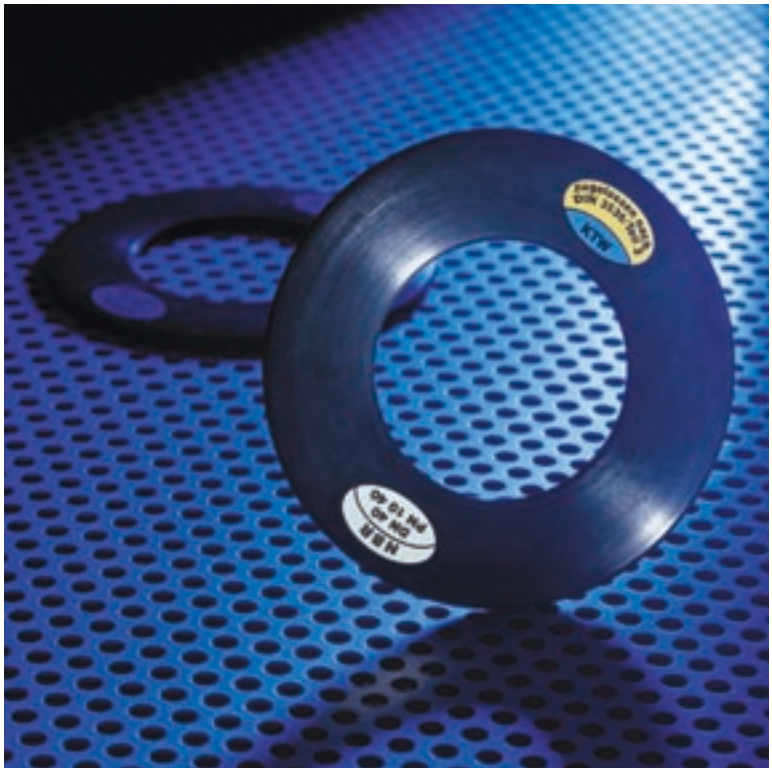
Density:
DIN 53479, g/cm³ 1.196

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

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

DVGW
Zertifizierungsstelle
Deutsche Vereinigung des Gas- und Wasserfaches e.V.

Gelsenkirchen
www.hyg.de
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

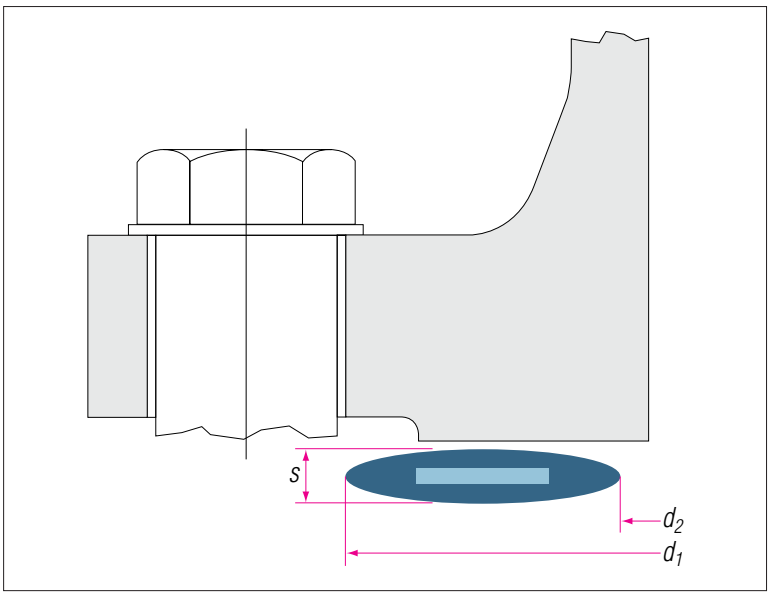
The performance and life of KLINGER gaskets depend in large measure on proper storage and fitting, factors beyond the manufactor's control.

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

KLINGER-KGS 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.

DN	s	d_1	d_2					PN
			6	10	16	25	40	
15	4	22	–	51	51	51	51	
20	4	27	–	61	61	61	61	
25	4	34	–	71	71	71	71	
32	4	43	76	82	82	82	82	
40	4	49	–	92	92	92	92	
50	4	61	96	107	107	107	107	
65	4	77	116	127	127	127	127	
80	4	89	–	142	142	142	142	
100	5	115	152	162	162	168	168	
125	5	141	182	192	192	194	194	
150	5	169	207	218	218	224	224	
200	6	220	262	273	273	284	290	
250	6	273	317	328	329	340	352	
300	6	324	373	378	384	400	417	
350	7	356	423	438	444	457	474	
400	7	407	473	489	495	514	546	
450	7	458	–	539	–	–	–	
500	7	508	578	594	617	624	–	
600	7	610	679	695	734	731	747	
700	8	712	784	810	804	833	–	
800	8	813	890	917	911	942	–	
900	8	915	990	1017	1011	1042	–	
1000	8	1016	1090	1124	1128	1154	–	
1100	8	1120	–	–	1228	1254	–	
1200	8	1220	1307	1341	1342	1364	–	
1400	8	1420	1524	1548	1542	1578	–	
1600	8	1620	1724	1772	1764	1798	–	
1800	8	1820	1931	1972	1964	2000	–	
2000	8	2020	2138	2182	2168	2230	–	

Subject to technical alterations.
Status: February 2003