



Gaskets

NB310, NB311 and NB312

thoenes[®]



NB310, NB311 and NB312

Article description:	<u>NB310</u> (NBR/ SBR) <u>NB311</u> (NBR/ SBR with 1 insert) <u>NB312</u> /NBR/ SBR with 2 inserts)
Article forms:	Available as sheets and rolls Plug-in seals, cut or die-cut seals Also available in food quality
Colour:	Black
Preparations:	Without any additionally preparation
Materials:	NBR/ SBR

Mechanical properties:

Properties	Specifications	Unit	Value
Shore hardness A	DIN 53505, ± 5	Shore	65 ± 10 °Shore *
Density	DIN 53479, ± 0,05	g/ cm ³	1,4
Tensile strength	DIN 53504, ± 25 %	MPa	5
Elongation at break	DIN53504, ± 35 %	%	250
Compression- Set	DIN 53517, Typ 2		No measured value

Thermal properties:

- From -20 °C up to 80 °C
- Short-term - no measured value available

Chemical properties:

- No resistance against UV/ ozone and weather
- Good chemical resistance against mineral oils and fats, fuel
- Conditionally resistant to acids and strong bases
- Not suitable for benzene-containing fuels and highly hydrocarbon-containing oils

Applications:

Sealing application z. B. in the sanitary area, sewage, hot water and steam. *

Dimensions: Rolled goods or sheets depend on the thickness of the material **
Material thickness 0.5 - 5 mm **

- * For further applications and shore hardness please contact our application engineer
- ** Further thicknesses and dimensions on request

The above information is based on the current state of our knowledge of the product and is made to the best of our knowledge and belief. A warranty claim cannot be derived from this information. All previous issues hereby lose their validity.