

Nitrile has good resistance to oils and various chemicals.

ISO	NBR Acrylonitrile-butadiene rubber (Nitrile)
Shape	Rolls
Color	Black
Temperature Range	-10 and 70 °C
Density	1450 kg/m ³
Hardness	65 Shore A (± 5)
Elongation at break	250 %
Tensile strength	7 N/mm ²

Material information

Good resistance to oil and gases, hydrocarbons, hydraulic fluids and various chemicals

Petrol	Oil	UV	Water	Wear resistance	Acids	Alkali	Base
Not suitable	Good	Not suitable	Moderate	Not suitable	Low	Low	Low

Usage examples

Seals for automotive, petrochemical and chemical industries
Measurement tolerance 7715-P3

Item Overview

Item Code	Item Name	Width (mm)	Length (mm)
10900005	NBR Nitril 0,5 mm	1.400	20.000
10900010	NBR Nitril 1 mm	1.400	20.000
10900015	NBR Nitril 1,5 mm	1.400	20.000
10900020	NBR Nitril 2 mm	1.400	20.000
10900030	NBR Nitril 3 mm	1.400	10.000
10900040	NBR Nitril 4 mm	1.400	10.000
10900050	NBR Nitril 5 mm	1.400	10.000
10900060	NBR Nitril 6 mm	1.400	10.000
10900080	NBR Nitril 8 mm	1.400	5.000
10900100	NBR Nitril 10 mm	1.400	5.000
10900120	NBR Nitril 12 mm	1.400	5.000
10900150	NBR Nitril 15 mm	1.400	5.000
10900200	NBR Nitril 20 mm	1.400	5.000
10900300	NBR Nitril 30 mm	1.400	5.000
10901015	NBR Nitril met inlage 1,5+1 mm	1.400	20.000
10901020	NBR Nitril met inlage 2+1 mm	1.400	20.000
10901030	NBR Nitril met inlage 3+1 mm	1.400	20.000



10901040	NBR Nitril met inlage 4+1 mm	1.400	10.000
10902030	NBR Nitril met inlage 3+2 mm	1.400	10.000
10902040	NBR Nitril met inlage 4+2 mm	1.400	10.000
10902050	NBR Nitril met inlage 5+2 mm	1.400	10.000
10902060	NBR Nitril met inlage 6+2 mm	1.400	10.000
10902080	NBR Nitril met inlage 8+2 mm	1.400	5.000
10902100	NBR Nitril met inlage 10+2 mm	1.400	5.000

Compression set

[tbl_compressieset_explainer](#)

Testing Regulation	Duration	Temperature	Difference
ISO 815	22 hour(s)	70 °C	40 %

Veroudering

[tbl_ageing_explainer](#)

Testing Regulation	Ageing conditions	Ageing hardness	Ageing strength	Elongation
DIN 53508	70 Duration 70 Temperature	7	-10 %	-20 %

Storage advice (ISO 2230)

The enclosed specification gives an indication of the storage periods to prevent degradation in properties of the material. Exposure to light and moisture should be avoided as much as possible. It is advisable to check the material in advance if it is to be stored for more than one year.

Group	Minimum temperature	Maximum temperature	Maximum humidity	Shelf life	Extension after inspection
B	10 °C	25 °C	65 %	7 year	3 year

We provide product information as known by us with great care. We cannot accept any liability for errors and/or inaccuracies and/or incompleteness. Please note that our products are intended for professional use only. For high impact applications and/or combinations of limit values we always recommend to have the properties specific to that situation verified by us. If there are multiple specifications for a product we will use the standard of 2mm or the closest specification.

