

Nitrile has good resistance to gasoline and oils. This material is suitable for lower sealing pressure

ISO	NBR Acrylonitrile-butadiene rubber (Nitrile)
Shape	Rolls
Color	Black
Temperature Range	-10 and 70 °C
Density	1250 kg/m ³
Hardness	50 Shore A (± 5)
Elongation at break	350 %
Tensile strength	5 N/mm ²

Material information

Measurement tolerance 7715-P3

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

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

Item Overview

Item Code	Item Name	Width (mm)	Length (mm)
12900040	NBR Nitril 50 Shore 4 mm	1.400	10.000

Compression set

[tbl_compressieset_explainer](#)

Testing Regulation	Duration	Temperature	Difference
ISO 815	22 hour(s)	70 °C	25 %

Veroudering

[tbl_ageing_explainer](#)

Testing Regulation	Ageing conditions	Ageing hardness	Ageing strength	Elongation
DIN 53508	70 Duration 70 Temperature	7	-15 %	-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.

