

NBR-NR white rubber suitable for oily food among other things

ISO	NBR Acrylonitrile-butadiene rubber (Nitrile)
Shape	Rolls
Color	White
Temperature Range	-30 and 80 °C
Density	1320 kg/m ³
Hardness	60 Shore A (± 5)
Elongation at break	500 %
Tensile strength	11 N/mm ²

Material information

NBR-NR White rubber P 627 is suitable for foodstuffs This rubber is oil and grease resistant.

Usage examples

Seals for silos, tanks, pipes. Cuffs and flexible joints. Used, for example, for greasy food products.

Measurement tolerance 7715-P3



European Food Grade according to EC 1935:2004

Petrol	Oil	UV	Wear resistance	Acids	Base
Not suitable	Moderate	Not suitable	Moderate	Good	Good

Item Overview

Item Code	Item Name	Width (mm)	Length (mm)
11600010	NBR Wit Rubber P 627 Food Grade 1 mm	1.400	20.000
11600015	NBR Wit Rubber P 627 Food Grade 1,5 mm	1.400	20.000
11600020	NBR Wit Rubber P 627 Food Grade 2 mm	1.400	20.000
11600030	NBR Wit Rubber P 627 Food Grade 3 mm	1.400	10.000
11600040	NBR Wit Rubber P 627 Food Grade 4 mm	1.400	10.000
11600050	NBR Wit Rubber P 627 Food Grade 5 mm	1.400	10.000
11600060	NBR Wit Rubber P 627 Food Grade 6 mm	1.400	10.000
11600080	NBR Wit Rubber P 627 Food Grade 8 mm	1.400	5.000
11600100	NBR Wit Rubber P 627 Food Grade 10 mm	1.400	5.000

Compression set

The compression set is the permanent deformation of the material at the temperature and time specified below.

Testing Regulation	Duration	Temperature	Difference
ISO 815	22 hour(s)	100 °C	35 %

Veroudering

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Testing Regulation	Ageing conditions	Ageing hardness	Ageing strength	Elongation
DIN 53508	70 Duration 100 Temperature	5	-20 %	-25 %

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.