

NR-SBR white rubber suitable for food applications with lower sealing pressure

ISO	SBR Styreen-Butadieen Rubber
Shape	Rolls
Color	White
Temperature Range	-30 and 70 °C
Density	1280 kg/m ³
Hardness	45 Shore A (± 5)
Elongation at break	550 %
Tensile strength	12 N/mm ²

Material information

White Rubber A618 is suitable for foodstuffs and has approval for: BGVV category 1. This material is suitable for being in prolonged contact with food products. This material is also acid resistant and reasonably abrasion resistant.



FDA

European Food Grade according to EC 1935:2004 USA Food Grade under FDA

Usage examples

Seals for silos, tanks, pipes, flexible pipe joints and cuffs. Used primarily with dry food products.

Processing

This material can be cut to any size or processed into custom products with great precision using our CNC-controlled cutting machine. Measurement tolerance 7715-P3

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

Item Overview

Item Code	Item Name	Width (mm)	Length (mm)
12600020	NR-SBR Wit rubber A 618 Food Grade 45 Shore 2 mm	1.400	20.000
12600030	NR-SBR Wit rubber A 618 Food Grade 45 Shore 3 mm	1.400	10.000
12600040	NR-SBR Wit rubber A 618 Food Grade 45 Shore 4 mm	1.400	10.000
12600050	NR-SBR Wit rubber A 618 Food Grade 45 Shore 5 mm	1.400	10.000
12600080	NR-SBR Wit rubber A 618 Food Grade 45 Shore 8 mm	1.400	5.000

Compression set

[tbl_compressieset_explainer](#)

Testing Regulation	Duration	Temperature	Difference
ISO 815	22 hour(s)	70 °C	35 %



Veroudering

[tbl ageing explainer](#)

Testing Regulation	Ageing conditions	Ageing hardness	Ageing strength	Elongation
DIN 53508	70 Duration 70 Temperature	5	-10 %	-15 %

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
A	10 °C	25 °C	65 %	5 year	2 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.

