

NR-SBR White rubber is suitable for dry food and drinking water applications

|                     |                        |
|---------------------|------------------------|
| ISO                 | NR Natural Rubber      |
| Shape               | Rolls                  |
| Color               | White                  |
| Temperature Range   | -30 and 70 °C          |
| Density             | 1430 kg/m <sup>3</sup> |
| Hardness            | 65 Shore A (± 5)       |
| Elongation at break | 380 %                  |
| Tensile strength    | 8 N/mm <sup>2</sup>    |

## Material information

NR-SBR white rubber A 621 has approval for food applications under BGVV category 4. In addition, this rubber is suitable for cold and hot drinking water applications under KTW category D2



# FDA

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

## Usage examples

Seals for silos, tanks, drinking water pipes.

## Processing

Any size up to a maximum width of 1,400. Large sizes are constructed from segments. We cut this on our computer controlled machines.

Measurement tolerance 7715-P3

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

## Item Overview

| Item Code | Item Name                                 | Width (mm) | Length (mm) |
|-----------|-------------------------------------------|------------|-------------|
| 11700010  | NR-SBR Wit Rubber A 621 Food Grade 1 mm   | 1.400      | 20.000      |
| 11700015  | NR-SBR Wit Rubber A 621 Food Grade 1,5 mm | 1.400      | 20.000      |
| 11700020  | NR-SBR Wit Rubber A 621 Food Grade 2 mm   | 1.400      | 20.000      |
| 11700030  | NR-SBR Wit Rubber A 621 Food Grade 3 mm   | 1.400      | 20.000      |
| 11700040  | NR-SBR Wit Rubber A 621 Food Grade 4 mm   | 1.400      | 10.000      |
| 11700050  | NR-SBR Wit Rubber A 621 Food Grade 5 mm   | 1.400      | 10.000      |
| 11700060  | NR-SBR Wit Rubber A 621 Food Grade 6 mm   | 1.400      | 10.000      |
| 11700080  | NR-SBR Wit Rubber A 621 Food Grade 8 mm   | 1.400      | 5.000       |
| 11700150  | NR-SBR Wit Rubber A 621 Food Grade 15 mm  | 1.400      | 5.000       |
| 11701030  | NR-SBR Wit Rubber A 621 Food Grade 3+1 mm | 1.400      | 20.000      |
| 11702030  | NR-SBR Wit Rubber A 621 Food Grade 3+2 mm | 1.400      | 20.000      |



## 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 | 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.*



## **fcc\_header**



**fcc\_declaration\_subgroep**

## **117 NR-SBR Wit rubber A 621 Food Grade**

**fcc\_manufacturedregulations\_subgroep**

1. **fcc\_manufacturedreg1935**
2. **fcc\_manufacturedreg2023**

**fcc\_identification\_subgroep**

**fcc\_subgroep\_recognize**

**fcc\_notes\_subgroep**

1. **fcc\_notes\_labels**
2. **fcc\_notes\_suppliercertificate**
3. **fcc\_notes\_elastomers**
4. **fcc\_notes\_iso\_certified**
5. **fcc\_notes\_valid\_to**
6. **fcc\_notes\_generic\_declaration**

**fcc\_closer**

**fcc\_company**

