

Red Star is abrasion-resistant and resistant to bases and acids. Economical alternative to Linatex

ISO	NR Natural Rubber
Shape	Rolls
Color	Red
Temperature Range	-40 and 70 °C
Density	1060 kg/m ³
Hardness	40 Shore A (± 5)
Elongation at break	600 %
Tensile strength	16 N/mm ²

Material information

RED STAR is a very abrasion-resistant and flexible rubber. It is resistant to strong bases and it is reasonably resistant to acids. RED STAR is not weather and ozone resistant and is not resistant to oil and gasoline. Lower elongation at break than Linatex but a more economical alternative in many cases.

Usage examples

Protection against highly abrasive materials. Such as protection of a steel valve from granite grains or sand. As lining of a chute or bunker. Measurement tolerance 7715-P3

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

Item Overview

Item Code	Item Name	Width (mm)	Length (mm)
12000040	NR-SBR Red Star 40 4 mm	1.400	10.000
12000060	NR-SBR Red Star 40 6 mm	1.400	10.000
12000080	NR-SBR Red Star 40 8 mm	1.400	10.000
12000100	NR-SBR Red Star 40 10 mm	1.400	10.000
12000120	NR-SBR Red Star 40 12 mm	1.400	5.000
12000150	NR-SBR Red Star 40 15 mm	1.400	5.000
12000200	NR-SBR Red Star 40 20 mm	1.400	5.000
12000250	NR-SBR Red Star 40 25 mm	1.400	5.000

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	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.

