

Polyurethane blue for food applications

ISO	PUR polyurethane
Shape	Sheet
Color	Blue
Temperature Range	-35 and 120 °C
Density	1110 kg/m3
Hardness	90 Shore A
Elongation at break	415 %
Tensile strength	50 N/mm2

Material information

Polyurethane is a super wear resistant PUR with excellent non-stick. It is very suitable in the wear parts of food production process.



FDA

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

Usage examples

Suitable as strips, scrapers, protective strips, etc. anywhere a wear-resistant material is required. Also available for roller and roller covering or solid rollers and wheels

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	Water	Drinking water	Wear resistance	Acids	Alkali	Base
Low	Low	Not suitable	Not suitable	Not suitable	Excellent	Low	Not suitable	Low

Item Overview

Item Code	Item Name	Width (mm)	Length (mm)
40500020	PUR 90 Shore Food Grade blauw 2 mm	500	1.500
40500030	PUR 90 Shore Food Grade blauw 3 mm	500	1.500
40500040	PUR 90 Shore Food Grade blauw 4 mm	500	1.500
40500050	PUR 90 Shore Food Grade blauw 5 mm	500	1.500
40500060	PUR 90 Shore Food Grade blauw 6 mm	500	1.500
40500080	PUR 90 Shore Food Grade blauw 8 mm	500	1.500
40500100	PUR 90 Shore Food Grade blauw 10 mm	500	1.500

Compression set

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Testing Regulation	Duration	Temperature	Difference
ISO 815	22 hour(s)	70 °C	13 %



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

Related materials

Code	Group Name	Shape	Color
402	PUR 45 Shore blauw	Sheet	Blue
404	PUR 70 Shore Food Grade blauw	Sheet	Blue
405	PUR 90 Shore Food Grade blauw	Sheet	Blue

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.

