

Highly abrasion resistant Polyurethane in 90 Shore

Shape	Sheet
Color	color_brn
Temperature Range	-40 and 80 °C
Density	1250 kg/m ³
Hardness	90 Shore A (± 5)
Elongation at break	575 %
Tensile strength	45 N/mm ²

Material information

Polyurethane is a highly abrasion-resistant material widely used as a scraper for a variety of applications. It is mechanically stronger than rubber.

Usage examples

Roller and roller coverings, solid rollers and wheels, coupling props, wipers (in conveyor belts, for example) or scrapers. In general, many applications where a highly wear-resistant material is required.
Measurement tolerance 7715-P3

Wear resistance

Excellent

Item Overview

Item Code	Item Name	Width (mm)	Length (mm)
40100010	PUR 90 Shore A 1 mm	1.000	2.050
40100015	PUR 90 Shore A 1,5 mm	1.000	2.050
40100020	PUR 90 Shore A 2 mm	1.000	2.050
40100030	PUR 90 Shore A 3 mm	1.000	2.050
40100040	PUR 90 Shore A 4 mm	1.000	2.050
40100050	PUR 90 Shore A 5 mm	1.000	2.050
40100060	PUR 90 Shore A 6 mm	1.000	2.050
40100080	PUR 90 Shore A 8 mm	1.000	2.050
40100100	PUR 90 Shore A 10 mm	1.000	2.050
40100120	PUR 90 Shore A 12 mm	1.000	2.050
40100150	PUR 90 Shore A 15 mm	1.000	2.050
40100200	PUR 90 Shore A 20 mm	1.000	2.050
40100250	PUR 90 Shore A 25 mm		
40100300	PUR 90 Shore A 30 mm		
40100350	PUR 90 Shore A 35 mm		
40100400	PUR 90 Shore A 40 mm		
40100500	PUR 90 Shore A 50 mm		



40100600	PUR 90 Shore A 60 mm
40111078	PU slang Airduc PUR 350 AS Foodgrade 70 mm (FDA, EC1935/2004, antistatisch)

Compression set

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Testing Regulation	Duration	Temperature	Difference
DIN 53521	24 hour(s)	70 °C	30 %

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.

