

## Highly abrasion resistant Polyurethane in 70 Shore

|                     |                           |
|---------------------|---------------------------|
| ISO                 | PUR polyurethane          |
| Shape               | Sheet                     |
| Color               | <a href="#">color_brn</a> |
| Temperature Range   | -35 and 120 °C            |
| Density             | 1242 kg/m3                |
| Hardness            | 70 Shore A (± 5)          |
| Elongation at break | 550 %                     |
| Tensile strength    | 40 N/mm2                  |

### 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) |
|-----------|----------------------|------------|-------------|
| 40000010  | PUR 70 Shore A 1 mm  | 1.000      | 2.050       |
| 40000020  | PUR 70 Shore A 2 mm  | 1.000      | 2.050       |
| 40000030  | PUR 70 Shore A 3 mm  | 1.000      | 2.050       |
| 40000040  | PUR 70 Shore A 4 mm  | 1.000      | 2.050       |
| 40000050  | PUR 70 Shore A 5 mm  | 1.000      | 2.050       |
| 40000060  | PUR 70 Shore A 6 mm  | 1.000      | 2.050       |
| 40000080  | PUR 70 Shore A 8 mm  | 1.000      | 2.050       |
| 40000100  | PUR 70 Shore A 10 mm | 1.000      | 2.050       |
| 40000120  | PUR 70 Shore A 12 mm | 1.000      | 2.050       |
| 40000150  | PUR 70 Shore A 15 mm | 1.000      | 2.050       |
| 40000200  | PUR 70 Shore A 20 mm | 1.000      | 2.050       |
| 40000250  | PUR 70 Shore A 25 mm | 1.000      | 2.050       |
| 40000300  | PUR 70 Shore A 30 mm |            |             |
| 40000400  | PUR 70 Shore A 40 mm |            |             |
| 40000450  | PUR 70 Shore A 45 mm |            |             |
| 41500150  | PUR 70 Shore A 15 mm | 1.000      | 2.050       |



42500200      PUR 85 Shore A wit 20 mm      1.000      2.050

## 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                     |

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