



## Product

Solid rubber made of synthetic EPDM rubber (Ethylene Propylene Diene Monomer).

## Application examples

- as a spacer
- shock and vibration damping
- for installations
- aluminium and steel windows
- in the glass industry
- in industrial construction

## Colour

Black

## Thicknesses

2 – 3 – 4 – 5 – 6 – 8 – 10 – 12 – 15 – 20 mm  
(other thicknesses on request)

## Widths

6 to 1.400 mm

## Length

Depending on the thickness

## Available types ( version)

- rolls
- strips
- plates
- preformed pieces (punched parts)
- non-adhesive or one-sided self-adhesive

## Properties

- ✓ resistance to weathering, UV rays and ageing
- ✓ moderately resistant to oil, petrol, light acids, alkalis in normal concentrations, alcohol and turpentine
- ✓ very good insulation against cold

## Note

The materials and substrate must be solid, dry, grease-, oil- and dust-free.

In the case of self-adhesive versions, the adhesive layer only serves for simple, temporary positioning of the product. The product should not be subjected to mechanical stress.

## Technical properties

Property	Value + unit
Density (DIN 53508)	1,45 g/cm <sup>3</sup> ± 0.05
Shore hardness A (DIN 53505)	70° ± 5
Temperature resistance	-30°C to +90°C
Structure	EPDM solid rubber
Elongation at break (DIN 53504)	min. 200% (depending on the thickness)
Tear resistance (DIN 53515)	min. 18 kg/cm (depending on the thickness)
Tensile strength (DIN 53504)	min. 40 kg/cm <sup>2</sup>
Compression at 70°C/24h/25% (DIN ISO 815-1)	max. 50%
Polymer percentage	10% EPDM
Chemical resistance	<ul style="list-style-type: none"> <li>• Ozone (ASTM D1149)                      • reasonable</li> <li>• Dilute acids and bases                      • reasonable</li> <li>• Concentrated acids and bases, oils and solvents                      • not recommended</li> </ul>
Storage (with adhesive)	in a room with a constant temperature of 21°C and 50% relative humidity

## Altered technical properties in the case of heat ageing (72h at 70°C)

Property	Value + unit
Shore hardness A (DIN 53505)	+5 (max)
Tensile strength (DIN 53504)	± 20% (max)
Elongation at break (DIN 53504)	± 30% (max)

## General information

The information contained in this document is provided in good faith and is believed to be correct. However, we have no influence on the conditions in which these products are used or the methods by which they are used. Therefore, this information is not a substitute for tests which the customer must perform himself/herself in order to ensure that the products are safe, effective and achieve the intended purposes. Suggestions regarding the use of the product must not be used as grounds for infringement of any patent whatsoever. The only guarantee Castelein Sealants offers is that this product complies with the Castelein Sealants terms and conditions of sale in force at the time of shipment. Your only remedy in the event of a breach of this guarantee is the refund of the purchase price or the replacement of the product that does not comply with the guarantee.

Technical data of supplier: 2020 04

The producer reserves the right to make changes. 2020 04 01