



Product

Preformed elastomer based on vulcanised peroxide silicone.

Application examples

- glassworks
- roof light constructions
- automotive and aerospace industry
- facade construction
- electronic sector
- span ceilings
- sector where compatibility with silicone is required
- curtain walls, facades

Colours

Standard: transparent milky white

Thicknesses

1-2-3-4-5-6-8-10 mm in non-adhesive version

1-2-3-4-5-6 in adhesive version

Versions

- round
- square
- rectangular
- extruded according to plan
- standard profiles

Properties

- ✓ relatively constant elasticity in a wide range of temperatures (from -90 to + 210°C)
- ✓ functional properties are retained for many years
- ✓ Highly resistant to ageing and weathering
- ✓ also exists in FDA version

Note

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.

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

Technical properties

Property	Value + unit
Product	Vulcanised peroxide silicone
Shore hardness A (DIN 53505)	60±5A
Temperature resistance	-90°C to +210°C
Specific weight (DIN 53508)	1,20 g/cm ³
Elongation at break (DIN 53504)	min. 200% (depending on the thickness)
Tensile strength (DIN 53504)	min. 60 kg/cm ²
Permanent deformation (DIN 53517)	max.40% at 70°C/24h/25%
Tear resistance (DIN 53515)	min. 20 kg/cm (depending on the thickness)
Chemical resistance	ozone: excellent dilute acids and bases: excellent concentrated acids and bases: excellent oils: good solvents : reasonable
Storage	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)	+ 3 (max)
Tensile strength (DIN 53504)	+5/-5 %
Elongation at break (DIN 53504)	+5/-5 %

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