

Gasketseal

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Technical data

Basis	Polysiloxane
Consistency	Stable paste
Curing system	Moisture curing
Skin formation* (23°C/50% R.H.)	Ca. 7 min
Curing speed* (23°C/50% R.H.)	Ca. 2 mm/24h
Hardness**	Ca. 30 ± 5 Shore A
Density	1,28 g/ml
Elastic recovery (ISO 7389)**	> 80 %
Max. tension (ISO 37)**	2,50 N/mm ²
Elasticity modulus 100% (ISO 37)**	0,77 N/mm ²
Elongation at break (ISO 37)**	± 500 %
Temperature resistance**	-60 °C → 285 °C
Application temperature	5 °C → 35 °C

* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates. ** This information relates to fully cured product.

Product description

Gasketseal is a temperature resistant, elastic, one-component silicone sealant and replaces all cork, felt, fiber, paper and rubber gaskets in all thicknesses and widths.

Properties

- Excellent resistance to fuels, oils and grease.
- High temperature resistance
- Very easy to apply
- Permanently elastic after curing
- Typical acetic smell

Applications

- Formation of gasket and sealing rings.
- Sealing between metal components.
- Sealing of heating installations.

Packaging

Colour: red

Packaging: 310 ml cartridge, 80 ml tube, other packaging on request

Shelf life

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.

Chemical resistance

Good resistance to water, aliphatic solvents, mineral oils, grease, diluted inorganic acids and alkalis. Poor resistance to aromatic solvents, concentrated acids and chlorinated hydrocarbons.

Substrates

Substrates: metals

Nature: rigid, clean, dry, free of dust and grease.

Surface preparation: Prepare non-porous surfaces with a Soudal activator or cleaner (see Technical Data Sheet).

We recommend a preliminary adhesion and compatibility test on every surface. Not suitable for PE, PP, PTFE (eg. Teflon®) and bituminous substrates.

Application method

Application method: With a manual, pneumatic or accu caulking gun.

Cleaning: Clean with Soudal Surface Cleaner or with Soudal Swipex, immediately after use

Finishing: With a soapy solution or Soudal Finishing Solution before skinning.

Repair: With the same material.

Remark: This technical data sheet replaces all previous versions. The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. Since the design, the quality of the substrate and processing conditions are beyond our control, no liability under this publication is accepted. In every case it is recommended to carry out preliminary experiments. Soudal reserves the right to modify products without prior notice.

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Health- and Safety Recommendations

Take the usual labour hygiene into account.
Consult label and material safety data sheet for more information.

Remarks

- Because of the acid nature, certain metals (eg copper, lead) can be affected.
- Do not use in applications where continuous water immersion is possible.
- Not suitable for bonding aquariums.
- Gasketseal can not be used as a glazing sealant.
- Contact with bitumen, tar or other plasticizer releasing materials such as EPDM, neoprene, butyl, etc. is to be avoided since it can give rise to discolouration and loss of adhesion.
- When using different reactive joint sealants, the first joint sealant must be completely hardened before the next one is applied.
- Do not use on natural stones like marble, granite,...(staining).

Liability

The content of this technical data sheet is the result of tests, monitoring and experience. It is general in nature and does not constitute any liability. It is the responsibility of the user to determine by his own tests whether the product is suitable for the application.

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