SOUDAL

Technical Data Sheet

Gasketseal

Technical data

Basis	Polysiloxane
Consistency	Stable paste
Curing system	Moisture curing
Density (g/ml)	Ca.1.27
Skin formation time* (23 °C/50% R.H) (min)	Ca. 14
Curing Speed *(23 °C/50% R.H) (mm/24hours)	Ca. 2
Slump (mm)	Non Sag
Hardness**, Shore A, Points (ISO 868).	Ca. 30 ± 5
Tensile Strength (N/mm²)(ISO 37)**	Ca. 2.50
Elongation at break (ISO 37)** (%)	± 500
Elastic Modulus 100% (ISO 37)** (N/mm²)	Ca.0.80
Temperature resistance (°C)	-60→285
Application temperature (°C)	5→35

* 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

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.

Health and Safety Recommendations:
Take the usual labour hygiene into account. Consult label and material safety data sheet for more information.
Dangerous. Respect the precautions for use.

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.

Gasketseal

Application method:
Application method: With a manual, pneumatic or 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.

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).