

GENERAL PURPOSE GP

Revision: 28/02/2023

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Technical Data

Basis	Polysiloxane
Consistency	Paste
Curing System	Moisture Cure
Specific Gravity	Ca. 0.96
Skin formation time (23°C/50% R.H) (min)*	Ca. 5
Tack Free Time (23°C/50% R.H) (min)*	Ca. 20
Curing Rate (23°C/50% R.H) (mm/24h)*	Ca. 3
Slump (mm)	Nil
Hardness Shore A, Points (ISO 868)**	17 ± 5
Tensile Strength (N/mm ²) (ISO 37)**	1.7
Elongation at Break (%) (ISO 37)**	>400
Elasticity Modulus 100% (N/mm ²) (ISO 37)**	0.25
Temperature Resistance (°C)	-60 to +150
Application Temperature (°C)	+5 to +40

*These values may vary depending on environmental factors such as temperature, moisture and the type of substrate.

**This information relates to fully cured products.

Description:

GENERAL PURPOSE - GP is a high-quality, elastical one-component joint sealant based on silicones.

Properties

- Very easy application
- UV-resistant
- Stays elastic after curing
- Very good adhesion on many materials
- Typical acetic smell
- General sealing for automotive applications
- HVAC Ducting

Applications:

- Building- and construction joints
- Glazing and connection joints
- Elastic joints in coldstore and container applications
- Sealings in air condition systems
- General sealing for automotive applications.

Packaging:

Colour : Clear, White, Black

Packaging: cartridge 260ml, 280ml, 250g

Shelf life and storage:

12 months from date of manufacturing in unopened packaging stored in a cool and dry place at recommended temperatures between +5°C and +25°C

Health- and Safety Recommendation:

Apply the usual industrial hygiene.
Consult the label for more information.

Surfaces

Type:

PTFE and bituminous surfaces

State of Surface: clean, dry, free of dust and grease

Preparation: apply Primer 150 for applications on porous surfaces – no primer required for non porous surfaces.

We recommend a preliminary compatibility test.

Joint Size:

Minimum Width: 5mm

Maximum Width: 30mm

Minimum Depth: 5mm

Recommendation: 2 x depth = width

Remark: 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. In every case it is recommended to carry out preliminary experiments.

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Application Method:

Method: caulking gun or Pneumatic gun

Clean: with white spirit immediately after use

Finish: with soapy water before skinning

Repair: with GP

Remarks:

- Due to the acetic character some metals (copper, lead) can be attacked.
- Do not use this sealant on natural stones like marble, etc. For this application we recommend Silirub NS-W.
- Contact between this sealant and the primary sealants of double glazed insulation windows or the PVB film of security glass should be avoided

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