

GENERAL PURPOSE GP

Revision: 1/04/2024

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Technical Data

Basis	Polysiloxane
Consistency	Paste
Curing System	Moisture Cure
Specific Gravity (g/ml)	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)**	1.6
Elongation at Break (%) (ISO 37)**	>400
Elasticity Modulus 100% (N/mm ²) (ISO 37)**	0.25
Temperature Resistance (°C)	-60 to +120
Application Temperature (°C)	+5 to +35

*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

Packaging:

Colour : Clear, White, Black

Packaging: cartridge 260ml, 280ml, 250g

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

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 Recommendations:

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

Substrates:

Type: all usual Surfaces except PVC, PE, PP, 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: Employ either a caulking gun or pneumatic gun for application

Clean: Swiftly clean with white spirit after usage to prevent residues accumulation & maintain equipment efficacy

Finish: Utilize soapy water to wipe away excess caulking or sealant before it dries, ensuring a polished appearance.

Repair: Address any imperfections with GP sealant, filling gap and smoothing for a flawless outcome.

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 MA or Soudaseal 212 CS.
- 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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