



Transportation
Sealants & Adhesives

8100GP™

MOISTURE CURE SILICONE SEALANT

TECHNICAL DATA

1. PRODUCT DESCRIPTION:

8100GP™ is a non-slumping, one-part moisture cure silicone sealant suitable for use across a broad range of applications.

Basic Uses:

8100GP offers good adhesion to a variety of non-porous substrates such as glass, glazed ceramic tiles, and aluminum and provides good resistance to weathering, ultraviolet radiation, vibration, moisture, ozone, airborne pollutants, many cleaning detergents, and many solvents.

Composition and Materials:

8100GP™ is an extended acetoxy sealant.

Grade: Non-sag

Primer: Not required

Packaging: 10.1 fl. oz. cartridge

Colors: White and clear

Limitations:

Exterior below grade use, glazing of insulated glass units sealed with two-part silicone secondary seals, continuous water immersion, applications over tar, asphalt, or materials that bleed oils, plasticizers or solvents, marble substrates, applications in airtight enclosures as the sealant requires atmospheric moisture to cure, applications with materials that may react to acetic acid like copper, acrylic, plastic, and horizontal traffic joints.

2. TECHNICAL DATA: (See chart on back.)

3. INSTALLATION:

Surface Preparation: Ensure surfaces are clean, dry, sound, and frost free.

Application and Tooling: Cut tip of nozzle to required width of bead. Place cartridge in gun and apply as required. Sealant should be tooled shortly after application to ensure bond to interface of the joint.

Painting: No

Cleaning: Excess uncured sealant should be cleaned with a solvent such as mineral spirits immediately after application.

4. STORAGE LIFE:

One year in unopened containers stored in dry conditions. Always rotate stock.

Availability and Cost: Marketed throughout the U.S., 8100GP is available from various distributors. Costs and further technical data are available from your local Geocel representative or from Geocel's corporate offices.

Warning: Avoid repeated or prolonged contact with skin or eyes, especially to cuts or breaks in the skin. Do not take internally. IRRITANT (during cure). USE IN WELL VENTILATED AREAS. KEEP OUT OF REACH OF CHILDREN.

5. LIMITED WARRANTY:

Geocel Corporation warrants that the product is manufactured according to their published standards. The company guarantees for five years from the date of manufacture that 8100GP Silicone Sealant will not crack due to normal expansion and contraction and that it will not lose its adhesion or cohesion. Geocel Corporation will, at its option, either refund the purchase price of, or provide replacement for, that portion of the 8100GP which fails to perform in accordance with this warranty. Such refund or replacement will constitute the limit of Geocel's liability and obligation for any such failure. Geocel Corporation will not be liable or obligated otherwise for any loss or damage arising directly or indirectly from this product, or the use or failure thereof, whether based on breach of warranty or negligence.

6. MAINTENANCE:

No maintenance should be required. If the sealant is damaged, remove the bead and reseal.

7. TECHNICAL SERVICES:

Geocel representatives throughout the U.S. are available to provide technical assistance. Geocel's in-house technical staff and laboratory facilities are equipped to respond to specific requests for further information and/or applications testing.

Technical Data Averages

Flow, sag, or slump	nil
Working time	10 min
Surface cure time	25 min
Specific gravity	0.97
Hardness, Shore A	17
Ultimate tensile strength	2 MPa
Ultimate elongation	570%
Modulus at 100%	.4 MPa
Movement capability	±25
Extrusion rate	≤1200 g/min

Service Temp Range -49 F to 302 F
(-45 C to 150 C)

Application Temp Range -40 F to 100 F
(-40 C to 38.8 C)