

GPS Neutral Silicone Sealant

Dalchem GPS Neutral Cure Silicone Sealant is a high quality, low odour, one-part neutral curing sealant that offers excellent adhesion, compatibility with a wide variety of substrates, and excellent weatherability. This product is ideally suited for general purpose glazing, sealing and weatherproofing applications. Dalchem GPS has excellent adhesion to glass, glazed surfaces, anodized aluminum, concrete, cement, wood and many plastics.

TECHNICAL & PERFORMANCE DATA*

Uncured

Specific Gravity		1.00
Sag/Slump	ASTM C 679	nil
Tack Free Time, min.	ASTM C 619	15-20

Cured

Elongation, %		375
Durometer, Shore A, points	ASTM D 2240	25
Ultimate Tensile Strength, psi	ASTM D 412	195
Dynamic Movement Capability, Cycled at 1/8" hr., 1/8" min.		+/- 25%

*Information on this data sheet is subject to change without notice and should not be used for writing specifications. For additional information on specific applications, contact your Dalchem representative.

Colours	Translucent Silver	White Aluminium	Grey
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Features

- Excellent adhesion to most common building materials
- Low Odour
- Non-Corrosive to metal
- Permanently Flexible
- Weatherproofs/Waterproofs
- UV resistant





Application

All surfaces should be clean and free of dirt, dust, debris, any oils and grease prior to application.

- Cut nozzle of cartridge at 45° angle
- Gun cartridge to extrude GPS sealant along the joint line
- Tool off excess sealant to ensure sealant is placed firmly on the surface
- Tooling must be completed within 10-15 minutes of application.
- Complete any necessary painting prior to sealant application.

Application Temperatures	Min -10° C	Max + 40° C
Service Temperature Limits	Min -50° C	Max +150° C

Packaging

Dalchem GPS Silicone is packaged in 300ml plastic cartridges for use with any standard caulking gun; 20 cartridges/carton

Storage and Shelf Life

When stored in the original unopened container at or below 32°C Dalchem GPS has a shelf life of 12 months from date of shipment. Containers should always be kept sealed when not in use.

Limitations

- Not paintable
- Not for traffic areas or areas subject to abrasion
- GPS is suitable for some applications where the silicone is in contact with water for extended periods. Please discuss your design details with a technical representative.
- Not for use in areas of constant water immersion
- Not for bathrooms where mildew resistance is required