

NovaFlex® Qwik-Set Low Migration Portable Glazing Sealant

Specification Data –Technical Data Sheet



DESCRIPTION

NovaFlex Qwik-Set Low Migration Portable Glazing Sealant (QGLP) is a two-component, 100% silicone, neutral cure sealant that rapidly builds adhesive and elastomeric strength for bedding and glazing of glass in residential and commercial window designs. It is designed to have low plasticizer migration to protect the integrity of the secondary sealant (please refer to secondary sealant manufacturer to confirm compatibility). It delivers high initial green strength, enabling in-field glazing without the extended wait times required by conventional glazing sealants. NovaFlex Qwik-Set Low Migration Portable Glazing Sealant allows for the movement of assemblies within minutes of application without silicone transfer or glass shifting.

QGLP demonstrates outstanding long-term resistance to natural weathering including extreme temperatures, ultraviolet radiation, rain, and snow, with negligible change in elasticity. All with the simplicity of a 10:1 fixed ratio, two-part, neutral-cure silicone.

APPLICATIONS

NovaFlex Qwik-Set Low Migration Portable Glazing Sealant functions as an adhesive sealant that develops bonds to most substrates and commonly used accessories in the glass and glazing industry.

INSTALLATION

As with all two-component materials, the work-life and cure times of NovaFlex Qwik-Set Low Migration Glazing Sealant are dependent upon environmental conditions such as temperature and humidity. Adhesion should be checked on small samples prior to full-scale production.

STORAGE

NovaFlex Qwik-Set Low Migration Portable Glazing Sealant has a shelf life of ten (10) months from the date of manufacture, as indicated by the lot number, when stored in the original, unopened container at, or below, 75°F.

AVAILABILITY

NovaFlex Qwik-Set Low Migration Portable Glazing Sealant is available in 440ml 2-component, 10:1 cartridge (400ml/40ml).

PRECAUTIONS

Consult and obey all applicable local, state, and federal regulations for disposal of solvent and silicone waste. For additional information consult product SDS.

Silicone setting blocks are recommended for direct contact with NovaFlex Qwik-Set Low Migration Portable Glazing Sealant. Avoid using non-silicone materials (*i.e.*, EPDM, Neoprene) as they could degrade or discolor the product seal over time. Compatibility testing is recommended on all materials that are to be in direct contact with NovaFlex Qwik-Set Portable Glazing Sealant. Do not use in or around highly oxidative chemicals such as liquid oxygen, chlorine, or peroxides.

STANDARDS

Meets or exceeds the strength performance characteristics of ASTM C1184. Meets or exceeds the strength performance characteristics of AAMA 802.3, Type I & II, and AAMA 805.2, Group C

Physical Property	Base (Part A)	Catalyst (Part B)
Appearance	White	Black

MIXED PROPERTIES*

Physical Property	Typical Value
Color	Black (QGLP110) or Gray (QGLP119)
Specific Gravity	1.31
Snap Time Range	10-20 mins
Tack-Free Range	15-25 mins
Sag, Boeing Jig	<0.1"

TYPICAL CURED PROPERTIES*

Physical Property	Test Method	Typical Value
Color	Visual	Black/Gray
Tensile Strength	ASTM D412	280-310
Elongation	ASTM D412	200%
Shore A Hardness	ASTM D2240	45
Peel Strength Aluminum Glass	ASTM C794	>15 lbf/in >15 lbf/in
Green Strength 30 minutes – Glass 30 minutes – Aluminum	ASTM C1135	15 psi

*The values outlined reflect testing that was conducted under laboratory conditions, actual results may vary. The information provided in the above table is not intended for use in preparing specifications. Please consult manufacturer for additional information.

ADDITIONAL INFORMATION

Novagard believes that the information provided is a true and accurate description of the typical characteristics of the aforementioned product; however, it is the responsibility of the individual user to thoroughly test the product in their specific application to determine performance, efficacy, and safety.