

Novagard® RTV 200-107

Specification Data



DESCRIPTION

Novagard RTV 200-107 is a custom formulated composition. This single-component silicone sealant will cure upon exposure to atmospheric moisture, at room temperature, to a rubber-like solid.

APPLICATIONS

Novagard RTV 200-107 is a self-leveling liquid that is ideal for applications that require the coating to flow into small crevices and hard to reach areas. Novagard 200-107 may also be employed as a horizontal joint sealant and crack filler. When exposed to atmospheric moisture Novagard 200-107 cures to a rubber-like solid, which is mold and mildew resistant, and will not crack or drop out of joints.

INSTALLATION

As with all single component materials, work life and cure times of Novagard RTV 200-107 are dependent upon environmental conditions such as temperature, humidity, and application thickness. Adhesion should be checked on small samples prior to full scale production.

AVAILABILITY

Novagard RTV 200-107 is available in 10.3 ounce cartridges, 5 gallon pails, and 55 gallon drums.

STORAGE

Novagard RTV 200-107 may be stored in the original unopened containers at, or below, 100°F for up to one year.

PRECAUTIONS / LIMITATIONS

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

Do not use in or around highly oxidative chemicals such as liquid oxygen, chlorine, or peroxides. Not recommended for surfaces that are to be painted.

In confined cure conditions, RTV 200-107 may discolor brass, copper, or other sensitive metals. RTV 200-107 may stress craze molded polycarbonate.

PRODUCT SPECIFICATIONS

Physical Property	Test Method	Performance Range
Appearance		White Fluid
Viscosity	RVT #7 @ 20 rpm @ 10 rpm	70,000 – 110,000 cPs 90,000 – 120,000 cPs
Skin Over Time	3/8" @ 50% RH & 77°F	30 minutes maximum
Through Cure	3/8" @ 50% RH & 77°F	24-30 hours

TYPICAL PROPERTIES*

Physical Property	Test Method	Typical Value
Specific Gravity		1.10 – 1.20
Tensile Strength	ASTM D412	200 psi
Elongation	ASTM D412	250%
Shore Hardness	ASTM D2240	25 ± 5
Adhesion Glass Aluminum	ASTM D903	>15 pli >15 pli

*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.