

NOVAGARD[®]

SILICONES

NovaUltra

Specification Data

DESCRIPTION

NovaUltra Series products are non-corrosive, single-component silicone sealants that will cure upon exposure to atmospheric moisture, at room temperature, to a rubber-like solid.

APPLICATIONS

Specially formulated to retain its physical properties even during service in extreme environmental conditions, NovaUltra Series products are smooth pastes that are ideal for applications that require superior bond strength and moisture resistance. Designed primarily for glazing and back-bedding applications to meet the stringent requirements of the Dade County hurricane testing, the products of the NovaUltra Series are well suited to perform within many arenas.

INSTALLATION

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

STORAGE

NovaUltra Series products may be stored in the original unopened containers at, or below, 100 F for up to 18 month.

AVAILABILITY

NovaUltra Series products are available in 10.3 ounce cartridges, 5 gallon pails and 55 gallon drums.

Physical Property	Test Method	Performance Range
Appearance	White Black Gray Translucent	Paste Paste Paste Paste
Extrusion rate	Novagard 10-10-50	40 g/min minimum
Skin Over Time	3/8" @ 50%RH & 77 F	5-15 minutes
Through Cure	1/8" @ 50%RH & 77 F	24 hours

PRECAUTIONS

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

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.

TYPICAL PROPERTIES*

Physical Property	Test Method	Typical Value
Specific Gravity		1.05 – 1.55
Tensile Strength	ASTM D412	300-440 psi
Elongation	ASTM D412	300%-550%
Tear Resistance	ASTM D 624	30-35 pli
Shore Hardness	ASTM D 2240	20 minimum
Adhesion Glass Aluminum Wood PVC	ASTM D 903	20 pli minimum 20 pli minimum 20 pli minimum 20 pli minimum

*The values outlined reflect testing that was conducted on laboratory prepared specimens, 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.

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Form Name
NovaUltra

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