

# NOVAGARD<sup>®</sup> SILICONES

# RTV 100-103 Specification Data

## DESCRIPTION

Novagard<sup>®</sup> RTV 100-103 is a single-component, moisture-cured silicone rubber. An acetoxy-silicone that reacts with atmospheric moisture to form a strong, durable sealant, RTV 100-103 is easy to use, solvent-free and remains flexible over a wide temperature range.

## APPLICATIONS

When fully cured, RTV 100-103 develops excellent adhesion to most non-porous substrates such as glass, aluminum, ceramic tile, fiberglass and glazed brick.

## STANDARDS

TT-S-001543A- Non-sag, Class A

TT-S-00230C – Type II, Class A

FDA Status:

When fully cured and washed, RTV 100-103 contains those ingredients which conform to the FDA requirements as published in the Code of Federal Regulations.



Certified to  
ANSI/NSF 51

**NSF Certification Only Available  
On Special Request**

## AVAILABILITY

Novagard<sup>®</sup> RTV100-103 is available in 10.3 ounce cartridges, 5-gallon pails, and 55-gallon drums.

## STORAGE

Novagard<sup>®</sup> RTV 100-103 has a shelf-life of twelve (12) months from the date of manufacture, as indicated by the lot number, when stored in the original, unopened container at, or below, 75°F.

## PRODUCT SPECIFICATIONS

Physical Property	Test Method	Performance Range
Appearance		Aluminum, paste
Skin Over Time	3/8" @ 50%RH & 77F	25 minutes max
Through Cure	3/8" @ 50%RH & 77F	7 days

## 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.

## LIMITATIONS

Not recommended for surfaces that are to be painted. The acetic acid liberated during cure may react unfavorably with concrete and other masonry substrates.

## 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		1.03
Tensile Strength	ASTM D412	200 psi
Elongation	ASTM D412	600%
Tear Resistance	ASTM D624	28
Shore Hardness	ASTM D 2240	18
Service Temperature		-62 to 200°C

\*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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Effective Date  
04-02-09