

Novagard® 100 Series 100-102 Specification Data



DESCRIPTION

Novagard 100 Series 100-102 is a single-component, moisture-cured silicone rubber. An acetoxy-silicone that reacts with atmospheric moisture to form a strong, durable sealant, Novagard 100 Series 100-102 is easy to use, solvent-free, and remains flexible over a wide temperature range.

APPLICATIONS

When fully cured, Novagard 100 Series 100-102 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, Novagard 100 Series 100-102 contains those ingredients which conform to the FDA requirements as published in the Code of Federal Regulations.



Certified to
NSF/ANSI 51

NSF Certification

Only Available Upon Special Request

AVAILABILITY

Novagard 100 Series 100-102 is available in 10.3 ounce cartridges, 5 gallon pails, and 55 gallon drums.

STORAGE

Novagard 100 Series 100-102 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.

PRECAUTIONS

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.

PRODUCT SPECIFICATIONS

Physical Property	Test Method	Performance Range
Appearance		Black Paste
Skin Over Time	3/8" @ 50% RH & 77°F	25 minutes maximum
Through Cure	3/8" @ 50% RH & 77°F	7 days

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 D2240	18
Service Temperature		-62 to 200°C

*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.

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.