

NOVAGARD[®]

SILICONES

RTV 400-900

Specification Data

DESCRIPTION

Novagard[®] RTV 400-900 is a non-corrosive, single-component, silicone compound. A non-flowable, white paste product, RTV 400-900 cures to a solid rubber with many of the same characteristics as any normal silicone RTV except that it has low adhesion. Lower odor than conventional acetoxy cured silicones.

APPLICATIONS

RTV 400-900 functions as a low adhesion sealant, which will not develop bond to most common substrates. This ready-to-use, single-component compound is typically used for creating formed-in-place gaskets where user re-entry, or post-production disassembly is required.

INSTALLATION

As with all single component materials, worklife and cure times of RTV 400-900 are dependent upon environmental conditions such as temperature, humidity and application thickness. Product compatibility should be checked on small samples prior to full-scale production.

AVAILABILITY

Novagard[®] RTV 400-900 is available in 10.3 oz. cartridges, 5-gallon pails, and 55-gallon drums.

STORAGE

Novagard[®] RTV 400-900 has a shelf life of eighteen (18) 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		White paste
Viscosity	Brookfield #7 @ 10rpm	3200-5500 poises
Skin Over Time	3/8" @ 50%RH & 77F	30-40 minutes
Through Cure	3/8" @ 50%RH & 77F	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		1.20 – 1.30
Tensile Strength	ASTM D412	200-250 psi
Elongation	ASTM D412	250-350%
Shore Hardness	ASTM D 2240	40 ± 10
Adhesion Glass Aluminum Plastics	ASTM D 903	No bond

*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.

Novagard **Solutions**[™]
5109 Hamilton Avenue
Cleveland, OH 44114

Form Name
10-D2-RX4900

Phone: (216) 881-3890 Facsimile: (216) 881-6977
WWW.NOVAGARD.COM

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