

Novagard® 200 Series 200-252 Specification Data



DESCRIPTION

Novagard® RTV 200-252 is a non-corrosive, single-component silicone coating and encapsulating compound. An extremely low viscosity fluid with excellent flow and self-leveling character, RTV 200-252 cures, at room temperature, to a clear, rubber-like solid. The product contains a UV tracer to aid in monitoring coverage.

APPLICATIONS

RTV 200-252 is a self-leveling liquid that is ideal for applications that require the coating to flow into small crevices and hard-to-reach areas. Coating intricate electrical and mechanical devices, insulating electrical terminals, and thin-section potting are a few of the many applications in which RTV 200-252 is used.

INSTALLATION

As with all single-component materials, the work life and cure times of RTV 200-252 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 200-252 is available in, 1-quart metal cans, 5-gallon pails, and 55-gallon drums.

STORAGE

Novagard® RTV 200-252 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 (24°C).

PRECAUTIONS

Consult and obey all applicable local, state, and federal regulations for the 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.

PRODUCT SPECIFICATIONS

Physical Property	Test Method	Performance Range
Appearance		Translucent liquid
Viscosity (cPs)	Brookfield HB #5 @ 10rpm	8,000 – 12,000
Skin Over Time (mins)	3/8" @ 50% RH & 77°F	<20

TYPICAL PROPERTIES*

Physical Property	Test Method	Typical Value
Specific Gravity		0.95 – 1.01
Through Cure (hours)	3/8" @ 50% RH & 77°F	<24
Hardness (Shore A)	ASTM D2240	20 ± 5
Tensile Strength (psi)	ASTM D412	30 – 50
Elongation (%)	ASTM D412	80 – 120

*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 the 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.