

**Novagard 900 Series Hybrid 900-92X
Semi Self-Leveling Silicone-Free Hybrid (RP992XX)
Preliminary Specification Data**



DESCRIPTION

Novagard 900 Series Hybrid 900-92X Semi Self-Leveling Sealant is a non-corrosive, single-component, MS polymer hybrid sealant and/or adhesive. 900 Series Hybrid 900-92X Semi Self-Leveling Silicone-Free Sealant presents an excellent balance between the rate of cure, adhesion, and physical properties. This material is paintable after 1 hour.

APPLICATIONS

Novagard 900 Series Hybrid 900-92X Semi Self-Leveling Silicone-Free Sealant functions as a hybrid adhesive sealant that develops a bond to most substrates without the use of a primer. This ready-to-use single-component compound is typically used as an adhesive to bond dissimilar materials, as a sealant for creating formed-in-place gaskets, or for a multitude of other applications like roof sealing of RVs, buses, trailers, water sealing, and other road and off-road vehicles.

STANDARDS

Meets or exceeds the performance of characteristics of ASTM C-920, Type S, Grade P, use NT, G, A, and O.

INSTALLATION

As with all single component materials, the work life and cure time of Novagard 900 Series Hybrid 900-92X Semi Self-Leveling Silicone-Free Sealant 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 900 Series Hybrid 900-92X Semi Self-Leveling Silicone-Free Sealant is available in 55-gallon drums.

STORAGE

Novagard 900 Series Hybrid 900-92X Semi Self-Leveling Silicone-Free Sealant 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 40°F to 75°F (4°C to 24°C). Freeze-thaw stable.

PRECAUTIONS

Consult and obey all applicable local, state, and federal regulations. For additional information consult product S.D.S. Do not use in or around highly oxidative chemicals such as liquid oxygen, chlorine, or peroxides.

LIMITATIONS

Not recommended for: Joints continuously submerged under water, structural glazing applications, or where abrasion and physical abuse are encountered.

PRODUCT SPECIFICATIONS

Physical Property	Test Method	Performance Range
Appearance		Fluid; Black / Gray/ White
Skin Over Time	3/8" @ 50% RH & 77°F	10 – 25 minutes
Through Cure	3/8" @ 50% RH & 77°F	7 days

TYPICAL PROPERTIES*

Physical Property	Test Method	Typical Value
Specific Gravity		1.45 – 1.55
Tensile Strength	ASTM D412	175 – 225 psi
Elongation	ASTM D412	250% – 300%
Hardness (Shore A)	ASTM D2240	40 – 50
Adhesion		
Glass	ASTM C794	13 pli
Aluminum		15 pli
Wood		15 pli
PVC		14 pli
UV Exposure	ASTM G154 (2000 hours UV-A)	Pass

*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 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.