

**Novagard 900 Series Hybrid 900-91X  
General Purpose Sealant (RP991XX)  
Specification Data**



**DESCRIPTION**

Novagard 900 Series 900-91X General Purpose Sealant is a non-corrosive, single-component, MS polymer hybrid sealant and/or adhesive. 900 Series Hybrid 900-91X General Purpose Sealant presents an excellent balance between rate of cure, adhesion, and physical properties. Material is paintable 1 hour after application.

**APPLICATIONS**

Novagard 900 Series Hybrid 900-91X General Purpose Sealant functions as a hybrid adhesive sealant which develops 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 a multitude of other applications.

**STANDARDS**

Meets or exceeds the performance of characteristics of ASTM C-920, Type S, Grade NS, Class 25, use NT, M, G, A, and O.

**INSTALLATION**

As with all single component materials, work life and cure time of Novagard 900 Series Hybrid 900-91X General Purpose 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 900-91X General Purpose Sealant is available in 10 ounce cartridges and 20 oz. sausage packs.

**STORAGE**

Novagard 900 Series Hybrid 900-91X General Purpose Sealant 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 40°F to 75°F. 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		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	225-250 psi
Elongation	ASTM D412	350%-400%
Shore Hardness	ASTM D 2240	45 ± 5
Adhesion Glass Aluminum Wood PVC	ASTM D 903	13 pli 15 pli 15 pli 14 pli
Joint Movement	ASTM C 719	± 25
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 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.