

NOVAGARD

900 Series Hybrid Adhesives/Sealants



- Single Component Hybrid
- Great for interior and exterior sealing
- Will not sag or slump
- Excellent tooling properties
- Can be painted/top coated in 1 hour
- Excellent weathering properties
- Joint movement +/- 35%
- No shrinking or cracking
- Resists dirt pickup
- UV and mold/mildew resistant
- Applies vertically and overhead
- Safe to use indoors - no odor
- No solvents (50-state VOC compliant)
- No special tools or mixing
- Durable, long-lasting seal
- Bonds to a variety of substrates without priming

Novagard 900 Series Hybrid Adhesives/Sealants are non-corrosive, single-component, MS polymer hybrid sealants/adhesives. The paintable formulation stays flexible and is resistant to shrinking and cracking. Novagard 900 Series Hybrid Adhesives/Sealants present an excellent balance between rate of cure, adhesion, and physical properties.

Novagard 900 Series Hybrid Adhesives/Sealants are tack free in 15-45 minutes, paintable in 1 hour, and completely cured in 4 -7 days (depending on product, temperature, humidity, and thickness).



Novagard 900 Series Hybrid Adhesives/Sealants function as hybrid adhesive sealants which develop a bond to most substrates without the use of a primer. These ready-to-use, single-component compounds are typically used as adhesives to bond dissimilar materials, as sealants for creating formed-in-place gaskets, or a multitude of other applications.

Recommended For: All general industrial sealing applications.

Adheres to:

- Vinyl
- Glass
- Plastic
- Aluminum
- Metal
- Painted Steel



Made in USA. Professional Grade.



TECHNICAL INFORMATION

Appearance: Smooth paste

Application Temperature:

-10°F to 160°F (900-3xx)

30°F to 120°F (900-921)

30°F to 120°F (900-50x)

30°F to 120°F (900-700)

Service Temperature:

-30°F to 200°F (900-3xx)

-30°F to 200°F (900-921)

-35°F to 225°F (900-50x)

-30°F to 200°F (900-700)

Adhesion: Excellent for most common industrial sealing applications

Consistency: Non-sag, non-slump

Bridging Ability: Excellent, bridges gaps to 3/8"

Gunning Ability: Easily gunned at all temperatures; excellent tooling properties

Durability: +/- 25% joint movement

Flexibility: -10°F

Water Resistance: Good. Not recommended for joints continuously submerged under water

Exterior Weathering: Very good

Aging: Very good

Not Recommended: For structural glazing applications or where abrasion and physical abuse are encountered

Freeze-Thaw Stable: Will not freeze

Odor: Low odor (<1% VOC)

Skin Time: 10 - 45 minutes
(77°F/50% relative humidity)

Cure Through Time: 4 - 7 days
(77°F/50% relative humidity)



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ISO 9001:2015 QMS (with Design) | IATF 16949:2016 QMS (with Design)
Certified Women's Business Enterprise | Certified Woman Owned Small Business

Effective Date: Apr 2021-v2.7

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900 Series Hybrid Adhesives/Sealants

Product Specifications

Physical Property	Test Method	900-911	900-921	900-300	900-500	900-700
Appearance		Paste (Black, Gray, White)	Viscous Fluid (Black, Gray, White)	Paste (White)	Paste (Black, White)	Paste (Black, White)
Viscosity				≥3,000 poises	4,500-8,000 poises	4,500-8,000 poises
Skin Over Time	3/8" @ 50% RH & 77°F	10 - 25 minutes	10 - 25 minutes	15 - 45 minutes	15 - 25 minutes	15 - 25 minutes
Through Cure	3/8" @ 50% RH & 77°F	7 days	7 days	7 days	4 days	4 days

Typical Properties*

Physical Property	Test Method	900-911	900-921	900-300	900-500	900-700
Specific Gravity		1.45 - 1.55	1.45 - 1.55	1.40 - 1.50	1.25 - 1.40	1.35 - 1.40
Tensile Strength	ASTM D412	225 - 250 psi	175 - 225 psi	300 psi	430 - 480 psi	750 psi
Elongation	ASTM D412	350-400%	250-300%	300%	750-800%	220%
Shore Hardness	ASTM D2240	45 +/- 5	45 +/- 5	45 +/- 5	40 +/- 5	45 +/- 5
Adhesion Glass Aluminum Wood PVC	ASTM D903	13 pli 15 pli 15 pli 14 pli	13 pli 15 pli 15 pli 14 pli	13 pli 15 pli 15 pli 14 pli	12 - 16 pli 12 - 16 pli 12 - 16 pli	12 - 16 pli 12 - 16 pli 12 - 16 pli
Joint Movement	ASTM C719	+/- 25	+/- 25	+/- 35	+/- 50	n/a
UV Exposure	ASTM G154 (2,000 hrs UV-A)	Pass	Pass	Pass	Pass	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.

Packaging Information: Novagard 900 Series Hybrid Adhesives/Sealants are available in cartridges, sausage packs, pails, and drums. Consult your distributor or salesperson for details.

Specifications: Meets or exceeds the performance characteristics of ASTM C-920, Type S, Grade NS, Class 35, use NT, M, G, A, and O.

Disposal: Consult and obey all applicable local, state, and federal regulations. For additional information, consult product Safety Data Sheet.

Precautions: Do not use in, or around, highly oxidative chemicals such as liquid oxygen, chlorine, or peroxides.

Professional Grade



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Cleveland, Ohio