Novagard® 800 Series 800-401
UV Cure
Specification Data

DESCRIPTION
Novagard 800 Series 800-401 is a UV cure sealant. This non-corrosive, single-component silicone sealant will cure to a solid rubber upon exposure to ultra-violet light source.

FEATURES & BENEFITS
- *Exceptionally fast UV cure*
- *Single component*
- *Non-sag rheology*
- *Minimal oxygen inhibition*
- *Room temperature curing*
- *Solvent-free formulations*
- *No corrosive by-products*

UV APPLICATION
All laboratory experiments were conducted using a mercury vapor "H" bulb. To achieve a tack free surface requires 0.30 seconds exposure at 500 mW/cm^2, or 0.60 seconds at 245 mW/cm^2. As with any UV curing system, longer exposure times are required for lower intensity lamp conditions.

AVAILABILITY
Consult your Novagard Sales representative for packaging options and volume requirements.

STORAGE
Novagard 800 Series 800-401 may be stored in the original unopened containers at, or below, 80°F for up to twelve (12) months.

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

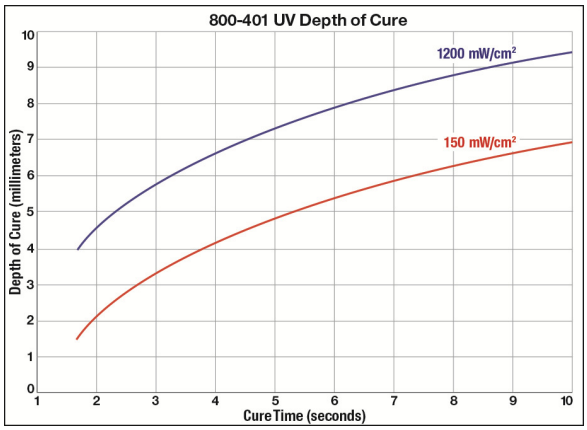
PRODUCT SPECIFICATIONS

Physical Property	Test Method	Performance Range
Appearance		Opaque Paste
Extrusion Rate @ 50 psi, 1/8" orifice	Novagard 10-10-50	240 gm/minute minimum

TYPICAL PROPERTIES*

Physical Property	Test Method	Typical Value
Specific Gravity		1.05 – 1.20
Tensile Strength	ASTM D412	100 – 200 psi
Elongation	ASTM D412	900 – 1200%
Shore A	ASTM D2240	10 – 20

*The values outlined reflect testing that was conducted under laboratory conditions, actual results may vary. Results are after UV cure.



Product was UV cured using a F300S/F300SQ Fusion UV System equipped with a standard "H" bulb.

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.

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