

Novagard® 400 Series 400-155

Technical Data Sheet



DESCRIPTION

Novagard 400 Series 400-155 is a high-strength, one-part adhesive designed for rapid green strength and excellent adhesion to a wide variety of substrates.

APPLICATIONS

Specially formulated to retain its physical properties even during service in extreme environmental conditions, Novagard 400 Series 400-155 is a smooth, translucent paste that is ideal for applications that require superior bond strength and moisture resistance. Novagard 400 Series 400-155 is well suited to perform within many arenas.

INSTALLATION

As with all single-component materials, the work life and cure times of Novagard 400 Series 400-155 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

Standard packaging is 10 oz cartridges. Many other packaging options are available with minimum purchase amounts. Call your Novagard representative or customer service for inquiries.

STORAGE

Novagard 400 Series 400-155 may be stored in the original unopened container at, or below, 80°F (27°C) for up to one year.

PRECAUTIONS / LIMITATIONS

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.

In confined cure conditions, 400 Series 400-155 may discolor brass, copper, or other sensitive metals. It may stress craze molded polycarbonate.

PRODUCT SPECIFICATIONS

Physical Property	Test Method	Performance Range
Appearance		Translucent Paste
Cure Chemistry		Oxime Silicone
Skin Time (g/min)	3/8" @ 50% RH & 77°F	5 – 15
Through Cure (hours)	1/8" @ 50% RH & 77°F	3 – 6
Extrusion Rate (g/min)	1/8" orifice @ 50 psi	>40

TYPICAL PROPERTIES*

Physical Property	Test Method	Typical Value
Specific Gravity		1.00 – 1.05
Hardness (Shore A)	ASTM D2240	20 – 40
Elongation (%)	ASTM D412	>300
Tensile Strength (psi)	ASTM D412	>200
Adhesion (pli)		
Glass	ASTM C794	>20
Wood	7 Days @ 75°F/50% RH	>20
Aluminum		>20

*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.