

Novagard® 200 Series 200-273

Screen Printable Engine Gasket

Technical Data Sheet



DESCRIPTION

Novagard 200 Series 200-273 is a single component, moisture cure oxime silicone. Formulated with industry-standard iron oxide red pigmentation for rapid identification of gasketing surface and defect monitoring, 200-273 simplifies the curing process by utilizing atmospheric moisture – no other processing or treatment is required. 200-273 offers good adhesion to allow the newly printed gasket to remain firmly in place until the next assembly step.

FEATURES & BENEFITS

- Engine gaskets
- High-stress gasketing applications

APPLICATION

Characterized by the semi-self-leveling nature, Novagard 200 Series 200-273 is ideal for applications that require a product with more flow and fluidity than a typical paste, and yet still retains enough thixotropy to prevent leakage during the cure cycle.

AVAILABILITY

Novagard 200 Series 200-273 is available in 10-ounce cartridges, 5-gallon pails, and 55-gallon drums.

STORAGE

Novagard 200 Series 200-273 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, or below, 75°F (24°C).

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

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.

PRODUCT SPECIFICATIONS*

Physical Property	Test Method	Performance Range
Appearance		Iron Oxide Red Fluid
Cure Chemistry		Oxime Silicone
Viscosity (cPs)	Brookfield RV #6 @ 10 rpm	19,000 – 24,000
Skin-Time	50% RH & 77 F	15 – 60 min

TYPICAL PROPERTIES*

Physical Property	Test Method	Typical Value
Tensile Strength (psi)	ASTM D412	50 – 100
Elongation (%)	ASTM D412	200 – 350
Hardness (Shore A)	ASTM D2240	5 – 15

* The values outlined reflect testing that was conducted under laboratory conditions, actual results may vary.