

Autoseal® RC-3007 Coating

LORD Autoseal® RC-3007 coating is an aqueous, weatherstrip coating designed for use on EPDM sponge seals to reduce noise (squeak & itch) from automotive vibration and impart ice-release characteristics. Autoseal RC-3007 coating is part of a two-pack system that uses either Autoseal 3462B cross-linker or Autoseal 3463B cross-linker.

Features and Benefits

Environmentally Friendly – provides a user friendly, low VOC coating.

Excellent Ice-Release – prevents ice from sticking to coated rubber.

Noise Reduction – reduces anti-static squeak and anti-itch noise from automobile vibration.

Application

Surface Preparation – Remove contaminants from surface. For some difficult-to-bond or dense extrusions, prime EPDM with a suitable Autoseal or Chemlok® primer. Treating rubber surfaces with corona or plasma is also effective.

Mixing – Thoroughly stir Autoseal RC-3007 resin before use. While mixing the resin, slowly add Autoseal cross-linker at the following resin to cross-linker ratios:

Autoseal 3462B	100:5, by weight
Autoseal 3463B	100:2.5, by weight

Refer to the appropriate Autoseal cross-linker data sheet for specific mixing information.

Continuously stir Autoseal RC-3007 coating while adding the cross-linker.

Applying – Apply Autoseal RC-3007 coating by spray method. For optimum adhesion, dry film thickness of Autoseal RC-3007 coating should be 7.6-15.2 micron (0.3-0.6 mil).

Continuously stir coating during application to prevent separation of components.

Curing – Cure Autoseal RC-3007 coating at 149-232°C (300-450°F), with dwell time depending on line speed and oven length. Typically, 3 minutes at 204-232°C (400-450°F) is sufficient.

Cleanup – Use water or ketone solvents to clean up equipment.

Typical Properties*

Appearance	Black Liquid
Viscosity, seconds Zahn Cup #2	30-40
Density kg/m ³ (lb/gal)	998.2-1198.3 (8.33-10.0)
Solids Content by Weight, %	27-31
Flash Point, °C (°F)	>94 (>201)

*Data is typical and not to be used for specification purposes.

LORD TECHNICAL DATA

Shelf Life/Storage

Shelf life is six months from date of shipment when stored in a well ventilated area at 21-27°C (70-80°F) in original, unopened container. Do not freeze product. Keep container closed when not in use.

Cautionary Information

Before using this or any LORD product, refer to the Material Safety Data Sheet (MSDS) and label for safe use and handling instructions.

For industrial/commercial use only. Must be applied by trained personnel only. Not to be used in household applications. Not for consumer use.

Values stated in this technical data sheet represent typical values as not all tests are run on each lot of material produced. For formalized product specifications for specific product end uses, contact the Customer Support Center.

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LORD Corporation World Headquarters

111 Lord Drive
Cary, NC 27511-7923
USA

Customer Support Center (in United States & Canada)

+1 877 ASK LORD (275 5673)

www.lord.com

For a listing of our worldwide locations, visit LORD.com.

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