

Autoseal® RC-3007S Coating

Technical Data Sheet

Autoseal® RC-3007S coating is a water-based, automotive weatherstrip coating formulated for use on EPDM sponge seals. Autoseal RC-3007S coating provides excellent slip resistance which improves noise reduction associated with automotive vibration while also imparting ice-release in cold weather environments.

Autoseal RC-3007S coating is part of a two-pack system that uses Autoseal RC-805B hardener.

Features and Benefits:

Environmentally Recommended – provides a water-based, low VOC coating.

Low Temperature Performance – provides excellent performance at temperatures under 0°C (32°F).

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

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

Abrasion Resistant – provides excellent vibration abrasion resistance.

Enhanced Performance – use with Autoseal RC-1500 additive for enhanced adhesion performance.

Application:

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

Mixing – Thoroughly stir Autoseal RC-3007S resin before use. While mixing the resin, slowly add Autoseal RC-805B hardener at a ratio of 100:5 coating to hardener, by weight. If dilution is needed, use deionized water as a diluent.

Continuously stir Autoseal RC-3007S resin while adding the hardener. Mixture must be used within 8-10 hours after hardener is added.

If using additive, refer to Autoseal RC-1500 additive data sheet for specific mixing instructions.

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

Continuously stir mixture during application to prevent separation of components.

Curing – Cure coating at 120-150°C (248-302°F) for 5-10 minutes. Exact curing schedule will vary depending on line speed and oven length.

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

Typical Properties*

Appearance	Black Liquid
Viscosity, mPa·s / cps	200 - 1000
Density kg/m ³ (lb/gal)	1010 (8.43)
Solids Content by Weight, %	28.5 - 32.5
Flash Point (Closed Cup), °C (°F)	≥ 94 (≥ 202)
Solvents	Deionized Water

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



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Shelf Life/Storage:

Shelf life is one year from date of manufacture 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 Parker LORD product, refer to the Safety Data Sheet (SDS) 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 document 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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