



Technical Data Sheet

SYL-OFF™ SL 25 Release Modifier

Release Modifier for SYL-OFF™ solventless silicone release coatings

Features & Benefits

- Efficient release modification
- Designed for use in low platinum solventless systems
- Formulated without catalyst
- Solventless and olefin-free
- Declining release force profile

Applications

- Release liners for pressure sensitive adhesive label stock
- Industrial single-sided and double-sided release papers
- Coatings for liners of adhesive tapes
- Coatings for release of sticky material

Typical Properties

Specification Writers: These values are not intended for use in preparing specifications.

Property	Unit	Result
Form		Viscous liquid
Appearance		Clear
Active content	%	100
Viscosity	cSt	1000

Description

SYL-OFF™ SL 25 Release Modifier is one of several release modifiers intended for use in SYL-OFF™ solventless release coatings.

How To Use

SYL-OFF™ SL 25 Release Modifier is intended for use along with SYL-OFF™ solventless release coatings, crosslinkers, and catalysts.

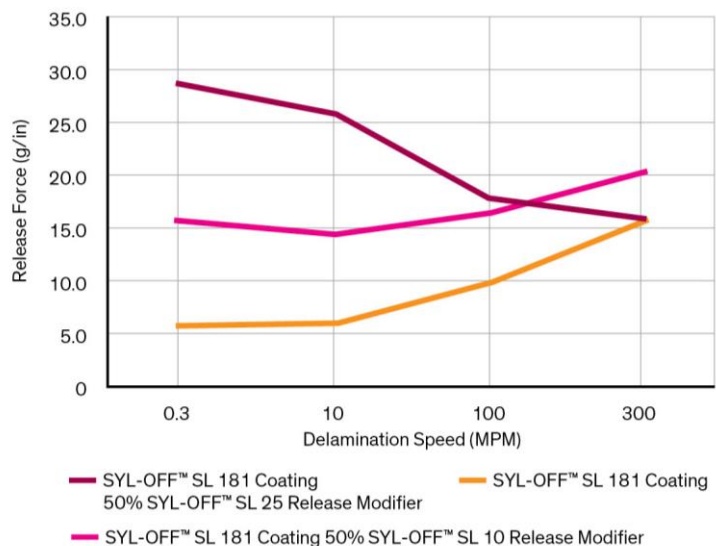


Figure 1: Release Comparisons, 28 Day/ROBOND™ PS 7890 / 180° Liner from label^{1,3}.

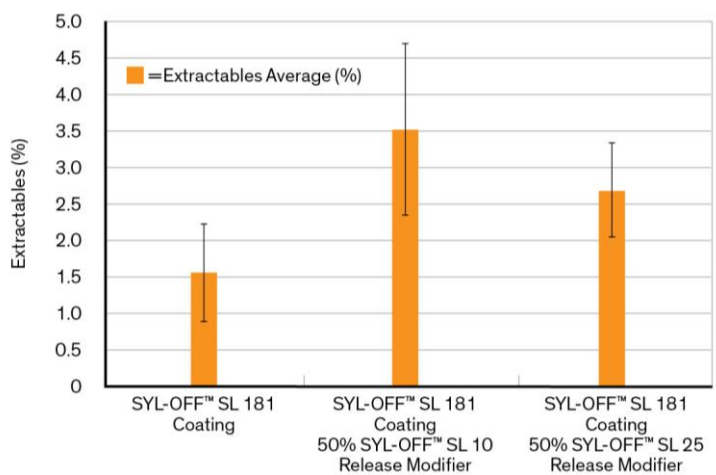


Figure 2: Comparative Extractables^{2,3}

¹28 Day release under wet water-based acrylic adhesive (Dow ROBOND™ PS 7890 Adhesive) aged at 23°C/50% RH on white glassine substrate.

²9% Extractables on white glassine substrate. SYL-OFF™ 181 Release Coating with SYL-OFF™ 7682-055 Crosslinker run at 170°C exit web temperature and 4s dwell time at 40 ppm Pt and SiH/Vi 2.2:1.

³Data per tests conducted by Dow. Additional information available upon request. Properties shown are typical, not to be construed as specifications. Users should confirm results by their own tests.

Handling Precautions

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS AVAILABLE ON THE DOW WEBSITE AT CONSUMER.DOW.COM, OR FROM YOUR DOW SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CUSTOMER SERVICE.

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SYL-OFF™ SL 25 Release Modifier

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Usable Life and Storage

SYL-OFF™ SL 25 Release Modifier has a shelf life of 24 months from date of manufacture when stored in original, unopened containers. Refer to product packaging for “Use By” dates.

Food Contact Status

This product may comply with certain FDA, BGvV, Kosher or other regulatory agency requirements for food-contact applications.

Limitations

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

Health And Environmental Information

To support customers in their product safety needs, Dow has an extensive Product Stewardship organization and a team of product safety and regulatory compliance specialists available in each area.

For further information, please see our website, consumer.dow.com/psi or consult your local Dow representative.

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