



## Technical Data Sheet

### SYL-OFF™ 7010 Coating

Base polymer component for SYL-OFF™ solventless, platinum-catalyzed silicone release coatings

#### Features & Benefits

- Solvent-free
- Fast, low-temperature cure
- Long bath life
- Premium (easy) release at low peel speeds
- Higher (tighter) release at high peel speeds
- More compatible with solvent-based acrylic adhesives than with solvent-based rubber

#### Composition

- Liquid
- Precatalyzed vinyl-functional, reactive siloxane polymer

#### Applications

- Release liners for pressure sensitive adhesive laminates and tapes
- Industrial release papers and films
- Casting papers
- Nonstick packaging, including food-contact
- In-line, double-sided and differential release applications

#### Typical Properties

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

Property	Unit	Result
Appearance		Colorless
Percent Solids		100
Specific Gravity at 25°C (77°F)		0.99
Viscosity at 25°C (77°F)	cs	300
Flash Point, closed cup	°C (°F)	100 (212)

#### Description

SYL-OFF™ 7010 Coating is a 100 percent solids, low-viscosity, end-blocked silicone release coating that contains a platinum catalyst. The coating cures by an addition reaction in the presence of heat and is designed to be used with SYL-OFF™ 7016 Crosslinker, which contains Dow's low-temperature inhibitor.

**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 [WWW.CONSUMER.DOW.COM](http://WWW.CONSUMER.DOW.COM), OR FROM YOUR DOW SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CUSTOMER SERVICE.

**Usable Life And  
Storage**

SYL-OFF 7010 Coating has a shelf life of 12 months from date of manufacture.

**Packaging  
Information**

Available in a variety of container sizes. Contact your local customer service representative for information about container sizes available in your area.

**Limitations**

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

**Food Status**

This product complies with the following FDA regulations governing food-contact applications: 21 CFR 175.300, 21 CFR 175.320, 21 CFR 176.170 and 21 CFR 176.180. It may comply with BGVV or other global regulatory agency or Kosher requirements as well. Contact your local Dow representative for current compliance information.

**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, [www.consumer.dow.com](http://www.consumer.dow.com) or consult your local Dow representative.

<http://www.sylloff.com>

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