

SilForce™ SL6030

SilForce* SL6030 Release Coating

Description

SL6030-D1 release coating is the tight (high) release portion of a multi-component silicone release coating system. When blended with SL6000-D1/SL6010-D1 or SL6100-D1/SL6110-D1 release coatings and properly cured, a range of controlled release against different types of pressure sensitive adhesives can be attained.

Key Features and Benefits

- Stable aged release
- Efficient response/high resin content
- Low foaming
- Non-blocking

Typical Physical Properties

Property	Value
Viscosity, cps, 25° C (77° F)	1,700-2,700
Specific Gravity, 25° C (77° F)	1.05
Density, lbs./gal.	8.76
Flash Point, closed cup, C° (F°)	> 93.3 (> 200)

Potential Applications

The SL6000-D1/SL6030-D1 and SL6100-11/SL6030-D1 systems of reactive silicone

polymers are intended for use as release coatings on paper and plastic substrates used in the manufacture of pressure sensitive tapes and labels. One-and two-sided constructions are possible.

Patent Status

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Product Safety, Handling and Storage

The warranty period for SL6030-D1 is 12 months from date of shipment from Momentive Performance Materials if stored in the original unopened container at 25°C (77°F) or below.

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Processing Recommendations

See Momentive Performance Materials Application Guide on the SL6000-D1 or SL6100-D1 solventless release coating systems.

Limitations

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Specifications

FDA STATUS

The SL6000-D1 and SL6100-D1 multi-component systems without a tight release polymer comply with the following FDA regulations:

- 175.320, resinous and polymeric coatings for polyolefin films
- 176.170, components of paper and paperboard in contact with aqueous and fatty foods
- 176.180, components of paper and paperboard in contact with dry foods for use as

release surfaces for pressure sensitive adhesives.

Consult these regulations for limitations of use with respect to platinum content, food type and use conditions. SL6030-D1 may only be used as a release coating for pressure sensitive adhesives under regulation 176.180.

Availability

SL6030-D1 may be ordered from Momentive Performance Materials, Waterford, NY, 12188, the Momentive Performance Materials sales office nearest you or an authorized Momentive Performance Materials distributor.

Contact Information

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For literature and technical assistance, visit our website at: www.momentive.com

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