

SYL-OFF™ SL 351 Coating

Reduce soak-in for hygiene and porous substrate application



SYL-OFF™ SL 351 Coating reduces soak-in for porous substrates, allowing producers to realize cost gains through less expensive paper and decreased silicone usage. It has a more stable release profile, is suitable for high-speed coating (anti-misting) and has an additional cost benefit from low platinum usage.

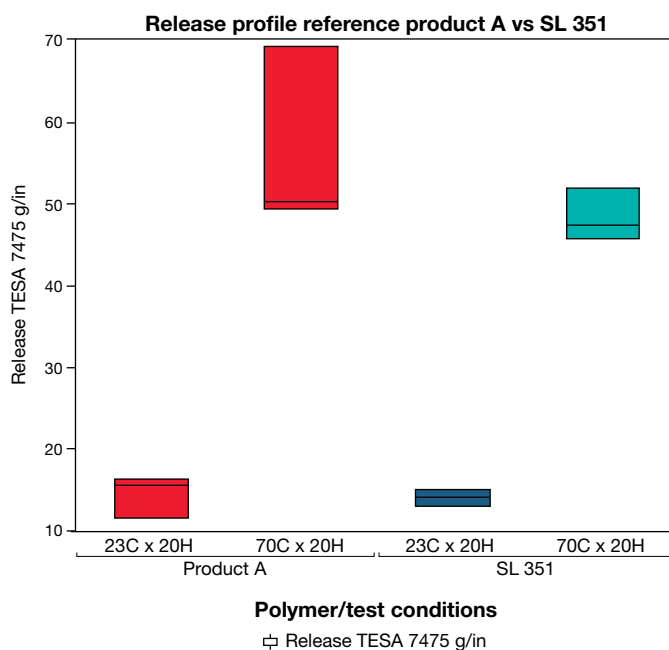
Trends in porous paper applications

Hygiene release is a major segment in release liner market, growing steadily with population growth and urbanization. Beyond hygiene, cost-effective papers are gaining popularity, but they are more porous. This has driven a need in the market for release coating solutions that can provide reduced soak-in with balanced performance.

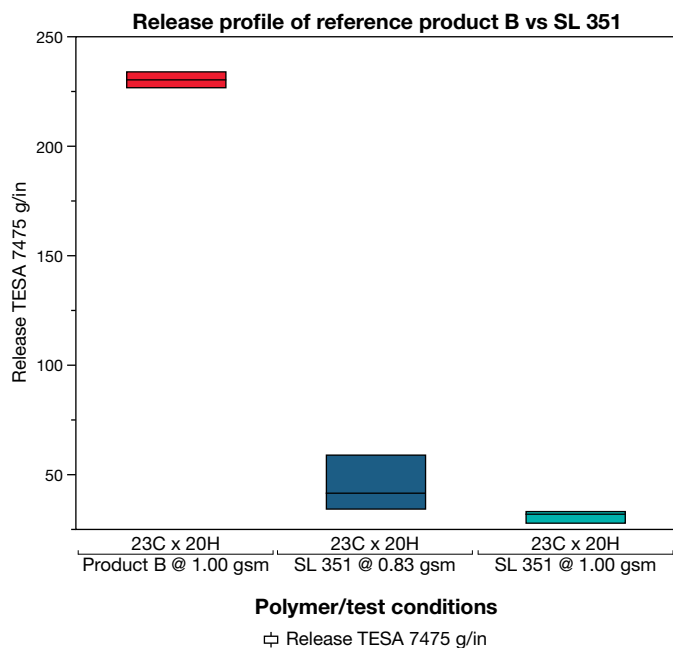
SYL-OFF™ SL 351 Coating is a unique release coating that offers:

- Up to 29% of silicone saving due to less soak-in versus existing solutions in the market, depending on formulation, coating speed and paper type
- Eliminates the need for PE lamination on KRAFT paper
- Can run at higher speeds
- Can use higher temperatures
- Easy to recycle with minimum waste

Up to 29% silicone saving under high speed coating on MG paper versus Dow reference product A



Up to 26% silicone saving versus benchmark product



Features & benefits:

- Better coverage for porous paper substrates
- Balance of viscosity and soak-into substrate
- Low platinum
- Stable release
- Anti-misting technology

Applications:

- Porous paper applications
- Hygiene application
- Non-sticky packaging
- Industrial release liner
- Applications with aggressive adhesives
- Bakery, microwavable food wrappers, food release applications

Formulated with:

- SYL-OFF™ 7682-055 Crosslinker
- SYL-OFF™ SL 11 Crosslinker
- SYL-OFF™ SL 12 Crosslinker
- SYL-OFF™ 4000 Catalyst

Material properties

Test	Unit	Result
Form		Liquid
Chemical nature		Reactive siloxane polymer
Appearance		Clear liquid
Active ingredient	%	100%
Specific gravity at 25°C (77°F)	g/cm ³	0.98
Viscosity at 25°C (77°F)	cS	520

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