SIEGWERK

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Siegwerk launches CIRKIT NOVASEAL, a dedicated heat seal lacquer portfolio for sustainable packaging

Siegwerk launches CIRKIT NOVASEAL, a new heat-seal lacquer portfolio for fiber-based and selected flexible packaging, combining reliable sealing performance with support for more sustainable packaging solutions



Siegburg, Germany, May 28, 2026 – Siegwerk, one of the leading global providers of printing inks and coatings for packaging applications and labels, announces the launch of **CIRKIT NOVASEAL**, a new dedicated portfolio of heat seal lacquers (HSL) within its CIRKIT coatings brand. The new product family delivers reliable and consistent sealing performance for fiber-based and selected

flexible packaging solutions, supporting brand owners and converters in the transition to more sustainable packaging.

With CIRKIT NOVASEAL, Siegwerk brings together its circular economy strategy and proven heat-sealing expertise, integrating the know-how and technologies gained through the Allinova acquisition into one coherent and clearly positioned product family.

Reliable sealing performance across applications

CIRKIT NOVASEAL heat-sealing lacquers are designed to enable consistent sealing, good hot-tack performance and robust bond strength across a wide range of packaging applications. The portfolio covers multiple product characteristics and performance profiles, offering solutions optimized for gravure and flexographic printing, as well as different sealing temperature requirements. The product range includes variants with:

- **Low seal initiation temperatures** for efficient processing
- **Excellent hot-tack** performance for high-speed packaging lines
- **High bond strength at low coating weights**, supporting converting processes such as flexo or gravure

This structured portfolio approach allows converters to select the right lacquer based on application method, performance needs and end-use requirements.

CIRKIT NOVASEAL Product Range Overview

	CIRKIT NOVASEAL 1609	CIRKIT NOVASEAL 1906	CIRKIT NOVASEAL 1643	CIRKIT NOVASEAL 1909	CIRKIT NOVASE 1677
Solid content [%]	22	32	45	45	54
Viscosity DIN4 cup [s]	30-60	15-35	20-45	20-30	20-40
Viscosity [mPa • s, 100/s at 23°C]	< 300	< 500	< 500	< 500	< 500
Heat-sealing	✓	✓	✓	✓	✓
Hot-tack	✓	✓	✓	✓	✓
Key differentiator	Excellent performance at high speed	Excellent hot tack	Good SBS at low coatweight	Low Seal Initiation Temperature	High soli content
Application method	Gravure	Gravure, Flexo	Gravure, Flexo	Gravure, Flexo	Gravure, Flexo

Designed for circular packaging concepts

As part of Siegwerk's CIRKIT brand, NOVASEAL solutions are developed with circularity in mind. The portfolio is tailored for paper-based packaging and selected flexible applications, enabling functional performance while supporting recyclability-driven packaging designs.

"CIRKIT NOVASEAL is a key milestone in strengthening our coatings offering for sustainable packaging," said Gilles Le Moigne, Head of Circular Economy Coatings at Siegwerk. *"By unifying our heat-sealing expertise under one strong product brand, we make it easier for customers to navigate performance requirements while aligning with circular economy goals."*

One brand, one portfolio, one clear direction

With the launch of CIRKIT NOVASEAL, Siegwerk reinforces its commitment to providing functional, future-ready coatings solutions that answer both technical and sustainability demands. The portfolio structure simplifies product selection, enhances transparency, and underlines Siegwerk's long-term focus on innovation in packaging coatings.

CIRKIT NOVASEAL solutions are already available and supported by Siegwerk's technical service and application expertise.

You can find out more about CIRKIT NOVASEAL here: CIRKIT NOVASEAL – Heat-Seal Lacquers for Paper Packaging | Siegwerk

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