Press Release

February 11, 2025

LOPEC 2025: Focus on growing material portfolio, strong ecosystem network and new sustainability concept including new ink technology

Henkel highlights end-use printed electronics innovations for smart surfaces, smart healthcare, and smart connectivity

Düsseldorf – During the upcoming LOPEC trade show on February 26 and 27 in Munich, Germany, Henkel will showcase innovations for end-use printed electronics applications across various industries and markets. At booth 607 in hall B0, the company will highlight its broad portfolio of functional material solutions tailor-made for smart surfaces, smart healthcare and smart connectivity as well as its development capabilities supported by its strong ecosystem of partners. In addition, Henkel´s expert team will present a novel comprehensive sustainability concept with the aim to drive groundbreaking eco-conscious innovation for the printed electronics market.

"As the leading international platform for printed electronics, LOPEC brings together all relevant global players from research to application," explained Stijn Gillissen, Head of Printed Electronics at Henkel. "Besides showcasing demo parts and material samples for various applications and highlighting our broad partnerships, for us LOPEC represents the ideal opportunity to discuss market challenges such as the increasing need for sustainable solutions. Thus, we will unveil our new sustainability concept which combines innovative technologies with environmental responsible practices to set a benchmark for groundbreaking sustainable practices in printed electronics in the future."

Henkel is an industry-leading supplier of printed electronics materials and services. The broad Loctite portfolio of functional inks includes conductive inks and paints as well as resistive and dielectric inks. These materials combined with four decades of formulation expertise enable the company´s ecosystem partners to develop printed electronics applications tailored to the specific properties demanded by industrial customers.

Comprehensive initiative supported by launch of new conductive inks

Henkel is committed to leadership in sustainability and aims to pioneer new solutions for a sustainable development. In the field of printed electronics this commitment now translates into a groundbreaking initiative featuring an array of thoughtfully designed demonstration pieces and meticulously curated proof points, highlighting the practical application of sustainable principles in the market. At LOPEC, the company will showcase tangible examples of how innovation can drive a more sustainable future in the industry. Among others, Henkel will launch novel industry-first silver inks and highly conductive silver inks based on recycled silver as raw material.

Material formulation and application development highlights

In addition to its novel sustainability initiative, Henkel will display its traditional functional material innovations for printed electronics solutions for various industry applications at LOPEC. The company will highlight its growing material portfolio for key industries such as connectivity, mobility, and healthcare underlined by different demo parts and material samples for smart surfaces, smart healthcare, and antenna solutions. Henkel will also present new products including highly conductive silver inks, a silver-plated copper ink as well as a PTC ink. Each product provides a unique value proposition offering improved sheet resistivity to optimized economic performance. In addition to its material solution portfolio for printed electronics, Henkel will highlight its development capabilities supported by its broad ecosystem of partners.

Among the highlights will be a growing material portfolio for smart surfaces and antenna applications. At LOPEC, Henkel will present wearables, printed heating solutions, and innovative pad printable antenna solutions for tampon printing processes. In addition, the company is continuously developing printed electronics solutions for 5G connectivity.

Are you interested in getting more information about Henkel´s latest innovative printed electronics solutions? Henkel experts look forward to discussing market challenges, such as the increasing need for sustainability and to consult on next-generation applications in printed electronics. Connect with the team by contacting printed.electronics@henkel.com or by visiting LOPEC 2025 on February 26 and 27 at booth 607 in hall B0.

About Henkel

With its brands, innovations and technologies, Henkel holds leading market positions worldwide in the industrial and consumer businesses. The business unit Adhesive Technologies is the global leader in the market for adhesives, sealants and functional coatings. With Consumer Brands, the company holds leading positions especially in laundry & home care and hair in many markets and categories around the world. The company's three strongest brands are Loctite, Persil and Schwarzkopf. In fiscal 2023, Henkel reported sales of more than 21.5 billion euros and adjusted operating profit of around 2.6 billion euros. Henkel's preferred shares are listed in the German stock index DAX. Sustainability has a long tradition at Henkel, and the company has a clear sustainability strategy with specific targets. Henkel was founded in 1876 and today employs a diverse team of about 48,000 people worldwide – united by a strong corporate culture, shared values and a common purpose: "Pioneers at heart for the good of generations." More information at www.henkel.com

Photo material is available at www.henkel.com/press

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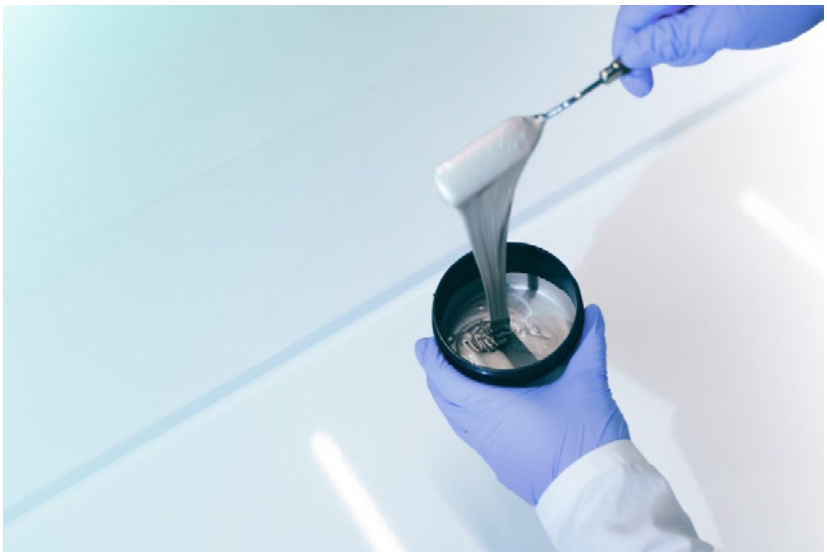
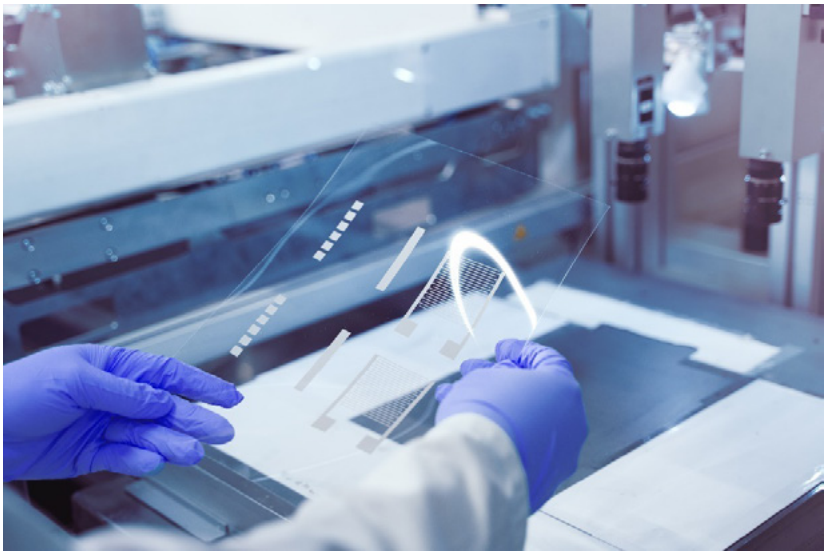
Henkel AG & Co. KGaA



Henkel will specifically highlight pad printing and antenna technologies, for printed antennas on smart watches.

In combination with silver and dielectric inks, Henkel's Positive Temperature Coefficient (PTC) technology enables the screen printing of self-regulating foil heaters.



Henkel presents innovative printed electronics solutions for smart surfaces, smart healthcare and smart connectivity at LOPEC 2025.