

For immediate release

Ideal for chips, bars, and cosmetics: Koehler Paper and Nissha Metallizing Solutions to showcase new metallized and sustainable “METIVO® Advanced” packaging paper based on “Koehler NexPlus®” barrier paper at Interpack 2023

- **Joint “METIVO® Advanced” development offers innovative packaging material for food and non-food products**
- **Metallized paper with oxygen, vapor and grease barrier properties, as well as the ability to be heat sealed**
- **Extremely thin metallized vacuum coating ensures recyclability and contributes to a sustainable circular economy**

Oberkirch/Germany, 04/27/2023 – Koehler Paper, part of the Koehler Group, is expanding its offerings in the NexPlus® group of innovative flexible packaging paper products. With its excellent oxygen, grease, and mineral oil barrier properties, the product is suitable for metallizing, making it perfect not only for packaging for food such as chips, energy bars, energy powders, and coffee, but also for non-food products such as cosmetics in powder or solid form. With this step, Koehler is expanding its portfolio of fiber-based flexible packaging paper. Koehler Paper will be presenting the product concept to the public for the first time ever at the Interpack trade show in Düsseldorf from May 4th through May 10th at Booth D42 in Hall 8a.

Metallized packaging paper offers one-of-a-kind barrier properties while not compromising recyclability

Together with Nissha Metallizing Solutions, Koehler Paper has developed a premium product that is made 100% with virgin fiber pulp from certified sustainable forestry and controlled sources and that is designed to be recyclable in conformity with the latest testing methods. In comparison to conventional plastic packaging, the flexible packaging paper reduces carbon footprints significantly and contributes to a sustainable circular economy. “The first packing machine performance tests have yielded very promising results. The barrier properties that provide resistance to oil and grease in the bags that were produced have turned out to be particularly outstanding,” explains Christoph Wachter, Head of the Flexible Packaging Paper division at Koehler Paper, when going over the initial test results for the innovation. Just like with all other Koehler NexPlus® paper products, this innovative product can be heat sealed too. In addition, it is characterized by outstanding strength, resistant barrier properties, and excellent printability. “The metallizing boosts the barrier properties to a whole new level, enabling us to guarantee excellent product protection and extraordinary product quality,” adds Nissha Metallizing Solutions CEO Giorgio Boss.

Koehler Holding SE & Co. KG

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Sustainable packaging: Innovative paper solutions with ‘NexFlex®’ from Koehler Paper

With the NexFlex® product range, Koehler Paper has developed a unique and 100 per cent recyclable generation of flexible packaging papers. The aim here is to replace plastic in packaging by using so-called barrier paper wherever possible. The range covers a broad spectrum: It includes standard coated and uncoated papers used in laminates for pouches, sachets, and other applications, making them suitable for a wide range of packaging for food and non-food products. The next generation of papers for flexible packaging are sustainable barrier papers with functional surfaces for product-specific protection (NexPlus®). The NexFlex® product family also includes papers coated on one side with good dimensional stability and high smoothness (NexCoat®) as well as uncoated paper with a natural appearance (NexPure®). Various flexible packaging papers from Koehler Paper were awarded a score of 19 out of a possible 20 points by the environmental service provider Interseroh, along with the ‘Made for Recycling’ seal.



Figure: “METIVO® Advanced” is particularly well-suited for use with foods that require excellent water vapor and grease properties. / Source: Koehler Group

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About the Koehler Group

The Koehler Group was founded in 1807 and has been family-run from that moment to the present day. The group's core business activity lies in the development and production of high-quality specialty paper. This includes—among others—thermal paper, playing card board, drinks coasters, fine paper, carbonless paper, recycled paper, decor paper, wood pulp board, sublimation papers, and also innovative specialty papers for the packaging industry since 2019. In Germany, the Koehler Group employs around 2,500 people across five production sites, with three additional sites in the USA. The group operates internationally, with an export share of 70% in 2021, and brings in an annual turnover of around 1 billion euros.

As an energy-intensive company, Koehler invests in renewable energy projects such as wind energy, hydropower, photovoltaics, and biomass with its Koehler Renewable Energy business unit. The Koehler Group has set a goal of producing more energy from renewable sources by 2030 than is required for its paper production operations.

In addition, with its Koehler Innovative Solutions business unit, Koehler is dedicated to developing new business areas outside of special paper production and energy production.

Find more information at: <https://www.koehler.com>

About Nissha Metallizing Solutions

Nissha Metallizing Solutions is world leader in the production of metallized paper and paperboards for flexible packaging and labels (wet glue labels, pressure sensitive labels, general labels and in-mold labels). Metallized paper is a recyclable paper-based monomaterial and thus a sustainable alternative to foil or film.

The company supplies its innovative products to customers worldwide from production sites in Belgium (Genk), Italy, (Casalgrasso), Brazil (Osasco), German (Berlin) and the United States (Franklin, MA). Thanks to a continuous investment in people, technology, quality and environmental protection, Nissha Metallizing Solutions consists of a group of over 600 highly committed and passionate people, guaranteeing a high level of specialist expertise.

Nissha Metallizing Solutions is a full subsidiary of Japanese multinational Nissha. Nissha is listed on the Tokyo stock exchange and is highly regarded for its technological leadership.

Nissha's METIVO® sustainable food packaging product suite is a metallized mono-material alternatives to multi-layer food packaging. The range offers superior functionality, barrier protection and technical capabilities, and each product is optimized for a particular use or food group. The range of papers and paperboards includes butter wrap, ice cream cone wrappers, food bags, twisting candy wrap, chewing gum

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wrap, cushion pads, chocolate wrap and direct chocolate contact wrapping, barrier papers and standup pouches.

Find more information at: <https://www.nisshametallizing.com>

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