

For immediate release

Safe Shipping Without Bubble Wrap: Innovative and Fully Recyclable Paper-Based Mailers

- **The Lemu Group and paper manufacturer Koehler Paper introduce fully paper-based mailers for a sustainable future**
- **Koehler Eco® recycled paper has extraordinary running properties suitable for standard converting systems**
- **Paper-based mailers have enormous potential when it comes to cutting CO₂ emissions**

Oberkirch, Germany, 01/16/2025 - Koehler Paper, a leading global supplier of specialty paper products that include premium recycled paper made from 100% secondary fiber material, has teamed up with the Lemu Group, the industry leader in the production of state-of-the-art converting systems for the automated processing of paper substrates, to develop a paper-based padded mailer. The result is a mailer that is completely made of paper and makes it possible to safely ship goods without the need for plastic bubble wrap.

Koehler Eco® recycled paper has extraordinary running properties suitable for standard converting systems

“Koehler Eco® Paper” recycled paper, which is used in these innovative mailers, is available in grammages of 120 to 350 gsm. Its extraordinary running properties make it ideal for further processing on standard converting systems. Within this context, the collaborative efforts between Koehler Paper and the Lemu Group have focused on developing cutting-edge sustainable packaging solutions for e-commerce. “We’re extremely happy that we’re now able to produce a lightweight, versatile, and fully recyclable paper mailer on our machines after our tests with Koehler’s Eco® Paper recycled paper delivered excellent results,” says Jean-Claude Jaufret, director of the Paper Bags and Envelopes division from the Lemu Group.

Paper-based mailers have enormous potential when it comes to cutting CO₂ emissions

These paper mailers provide the same level of protection that plastic bubble wrap mailers do, but can also be disposed of as wastepaper and recycled. “Paper-based packaging currently has the highest recycling rate out of all materials in Europe,” adds Udo Hollbach, managing director of the Koehler Paper Greiz site.



Figure: Koehler Paper's Koehler Eco® Paper recycled paper can be used to make fully recyclable mailers and conserve resources as a result. Source: Koehler Group



2030 Sustainability Strategy

With Koehler Eco® Paper recycled paper, the Koehler Group is helping achieve sustainable development goals in the area of successful future-proof products and services.



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, beverage coasters, fine paper, carbon-less paper, recycled paper, decor paper, wood pulp board, sublimation paper, and also innovative specialty paper for the packaging industry. 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 around 70% in 2023, and brings in an annual turnover of around 1.1 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.

With its Koehler Innovative Solutions division, the Koehler Group is collaborating with start-ups to promote innovations in the core business segments “paper” and “renewable energy”.

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

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