

PRESS RELEASE

RKW and SAES Coated Films join forces

High-barrier mono-polyethylene solutions for 100% recyclable flexible packaging

Frankenthal, Germany/Roncello, Italy, November 12, 2020 – RKW, a leading manufacturer of excellent film solutions, and SAES Coated Films, designer and producer of advanced coatings, have jointly developed premium performance films for sustainable food packaging that offer high protection throughout the product lifecycle.

Full recyclability is becoming one of the most important prerequisites for food packaging. While many current products adopt multi-material solutions and are thus not recyclable, monomaterial PE-based packaging meets the requirements for circularity and thus contributes to global sustainability goals.

RKW Group and SAES Coated Films have developed a new high barrier PE film that aims for performance and recyclability at the highest levels. The first customers have already successfully produced recyclable mono-material pouches, also with zip, demonstrating the production efficiency and reliability of the film.

The base film is RKW's MDO-PE, which combines excellent processability, high temperature resistance and the use of top-notch recycled materials. It can replace stiff films such as polyester or nylon, commonly laminated with PE in multi-material packaging, thus enabling the design of mono-material PE packaging.

To ensure the barrier performance required by the market, SAES applies COATHINK®, a combination of water-based deposition and metallisation that reduces oxygen and water vapour permeation to rates below 1. The barrier material represents less than 1-2% the weight of the packaging, as recommended by the main international guidelines on recycling.

With the plastics industry moving toward sustainable solutions and contributing to a circular economy, the innovative film from RKW and SAES Coated Films meets current legislative demands. Just as importantly, it offers customers a future-proof, recyclable and reliable packaging solution.

For more information about RKW, please visit: www.rkw-group.com

For more information about SAES Coated Films, please visit www.saescoatedfilms.com

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The RKW Group is an independent, privately owned company headquartered in Frankenthal, Germany and one of the world's foremost manufacturers of excellent film solutions. RKW is the market leader in the areas of hygiene and agricultural films, films for the beverage industry and packaging for powdery goods. In addition, the company makes films and nonwovens for medical applications, for the chemical and converting industries as well as for the construction sector. RKW's sustainable films enable its customers to improve the daily life of consumers all over the world. In the fiscal year 2019, RKW generated total sales of EUR 831 million. About 3,000 employees process 352,000 metric tons of plastic materials at 20 locations around the world. True to the corporate slogan "When excellence matters", the company, which was founded in 1957, offers outstanding performance in terms of quality and service. Respect and reliability are the core values of RKW and form the basis of the company's success.

www.rkw-group.com | [linkedin.com](https://www.linkedin.com) | [xing.com](https://www.xing.com) | [facebook.com](https://www.facebook.com)

SAES Coated Films is a SAES® Group company that designs, manufactures and deposits high barrier or active coatings on plastic or bio-material films for food, personal care and industrial packaging. Its chosen market positioning role is that of partner of reference for the eco-design of high barrier packaging meeting recyclability or compostability requirements through its innovative water-based coating formulations. With its wealth of scientific expertise built up over the SAES Group's almost 80 years of activity, the company's mission today is to provide innovation and sustainable solutions for the packaging industry.

www.saescoatedfilms.com | [linkedin.com](https://www.linkedin.com) |



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