

Press Release**Less CO₂, more performance: CarbonLite® by SÜDPACK**

Effective immediately, SÜDPACK's high-performance tubular pouch films from the premium Pure-Line range are being consolidated into a dedicated product family and marketed under the CarbonLite® brand. Based on PP and PE mono-materials, these films can be processed on both horizontal and vertical flow pack machines into flowpacks, doypacks (with or without spouts), and block-bottom pouches. Most importantly, their recyclability and optimized material efficiency result in a significantly smaller carbon footprint compared to conventional multi-material laminates or heavier tray packaging – offering clear economic advantages, including lower disposal costs.

SÜDPACK's next-generation top webs are ideal for MAP applications and have been engineered for greater sustainability. For example, a CarbonLite PurePP flowpack uses up to 60% less material than a conventional tray, while the packaging concept also achieves recyclability rates of up to 92% – verifiable by external institutes. For horizontal PE-based flow pack applications, SÜDPACK has achieved a further reduction in film thickness while maintaining barrier properties and cutting material usage by an additional 10%. In addition, by adopting SÜDPACK's sustainable packaging concepts, manufacturers and packagers can typically achieve a shorter time-to-market – supported by SÜDPACK's co-extrusion expertise, comprehensive service, and in-house application center.

Typical application scenarios

The films in the CarbonLite® series are suitable, for example, for use as lightweight PE flowpacks for cuts of cheese, baguettes, mozzarella, and coffee; as PP flowpacks for ground meat and convenience products; and as stand-up PE doypacks for grated cheese and salami sticks, as well as PP doypacks for confectionery, dried fruit, nuts, and other snacks. For coffee applications, the films can also be processed into

stable PP or PE block-bottom pouches, and into convenient PP spouted pouches for fruit purées.

Despite their wide range of applications, all films share one essential feature: barrier properties precisely tailored to each product – such as protection against oxygen and water vapor – that ensure a long shelf life for a wide variety of foods. For enhanced product visibility, a high-performance anti-fog feature can be added if required.

At the same time, the films can be processed efficiently on standard packaging machines, even at high cycle rates. A key factor in ensuring both product and packaging reliability is the films' consistently strong sealing performance, a result of their high thermal resistance – even when incorporating zippers, spouts, or valves made from the same mono-material.

Further ecological advantages

As a leader in sustainability and the circular economy in the plastics and packaging industry, SÜDPACK considers more than just the carbon footprint and end-of-life of its films. With its groundbreaking SPQ printing technology, the company also makes package printing more sustainable – significantly reducing ink and solvent consumption while enhancing color brilliance.

The film manufacturer, which has committed to the SBTi and was one of only a few companies to achieve Platinum status in the EcoVadis ranking in 2025, also offers its advanced LCA service – a powerful tool for assessing the eco-balance of various packaging concepts. This service evaluates not only SÜDPACK's own product developments but also customer solutions.

About SÜDPACK

SÜDPACK is a leading manufacturer of high-performance films and packaging solutions for the food, non-food, and medical goods industries, as well as customer-specific compounds for technically demanding applications.

The family business, which was founded by Alfred Remmele in 1964, is headquartered in Ochsenhausen. The production sites in Germany, France, Poland, Switzerland, the Netherlands and the USA are equipped with the latest plant technology and manufacture to the highest standards, including the capacity to operate under clean room conditions. The global sales and service network ensures a high degree of proximity to the customer and comprehensive technical support in more than 70 countries. With its innovative Development and Application Center at its headquarters in Ochsenhausen, SÜDPACK offers its customers an optimal platform for developing tailor-made solutions and performing application tests.

SÜDPACK is committed to sustainable development and fulfills its responsibility as an employer and towards society, the environment and its customers. For its sustainable product developments and consistent commitment to a functioning circular economy in the plastics industry, SÜDPACK has received numerous awards. Further information is available at [suedpack.com](https://www.suedpack.com)

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