



Constantia Flexibles and Plasthill reduce packaging weight for more sustainability

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Constantia Flexibles and Plasthill Technical Films, a company of the Dutch Orlemans Packaging Group, are partnering to bring Constantia Flexibles' proprietary technology, CompresSeal, to the market in Europe. The CompresSeal film has higher seal integrity than standard polyethylene films and weighs up to 30% less. It will be available to the first customers in selected markets from August 2022 onwards.

Plasthill, a producer of high-end technical films and packaging based in Hillegom, the Netherlands and Austrian based flexible packaging producer Constantia Flexibles, combine their expertise to bring the eco-friendlier films to the market on an industrial scale.

Pim Vervaat, CEO of Constantia Flexibles: "The technology behind the CompresSeal film is the result of years of research and development by our experts. Together with Plasthill's leading embossing capabilities, we take this forward-looking packaging solution to the next level and offer it to customers in a broad variety of packaging applications."

A partnership to further improve flexible packaging

The CompresSeal technology consists of a novel and special micro embossing technology. Its innovative embossing pattern allows reducing the grammage of polyolefinic sealant films by up to 30% while still having the same thickness as standard packaging. Thus, also the carbon footprint of a given packaging specification can be reduced.

Furthermore, the technology reduces the issues associated with migrating slip agents usually used in the PE and PP film industry. Thus, fewer additives can be used and the coefficient of friction on the packaging line remains constant, independent of environmental conditions, such as temperature and humidity. This also results in higher production speeds. The innovative packaging solution is particularly suitable to be used in flow packs for washing detergents, dry pet food, coffee, nuts, savory foods, as well as stand-up pouches for liquids.

Press Release



At first, the focus will be on polyethylene sealants in thicknesses above 60 grams per square meter, where weight-saving has the most significant environmental impact.

Sander Kool, Managing Director at Plasthill Technical Films, says: “Our proposition is ‘The sustainable innovator’ and producing these new films is entirely in line with our Rethink Plastics strategy. The cooperation and teamwork with Constantia Flexibles turned out to be wonderful!”

Photos:

Photo 1: The CompresSeal innovation for packaging formats like petfood bags gives a more sustainable choice for customers. ©Iakov Filimonov

Photo 2: Pim Vervaat, CEO, Constantia Flexibles ©Constantia Flexibles

Photo 3: Sander Kool, Managing Director Plasthill ©Oerlemans Packaging Group

Oerlemans Packaging Group

The Oerlemans Packaging Group - parent company of Plasthill - has been investing in increasing the sustainability of its product range for decades. The family-owned company produces customer-specific, flexible packaging and films of high quality. New packaging concepts are continuously developed through extrusion, lamination, flexo printing and conversion at ten locations in the Netherlands. After a recent acquisition, the producer consists of seven subsidiaries with ten production sites (Fardem, Flexpak, Oerlemans Plastics, Oosterwolde Plastic Industry, Perfon, Plasthill and Stempher) that together supply a wide range of packaging and film products. www.plasthill.nl / www.oerlemanspackaging.nl

Constantia Flexibles is the world's third largest producer of flexible packaging.

Based on the guiding principle of ‘People, Passion, Packaging’, some 8,550 employees manufacture tailor-made packaging solutions at 37 sites in 16 countries. Many international companies and local market leaders from the consumer and pharma industries choose the sustainable and innovative products of Constantia Flexibles. Sustainability is a top priority in product development at Constantia Flexibles: the company was rated Level A by Climate Change Leadership (CDP) and Gold by EcoVadis in 2021. www.cflex.com

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