

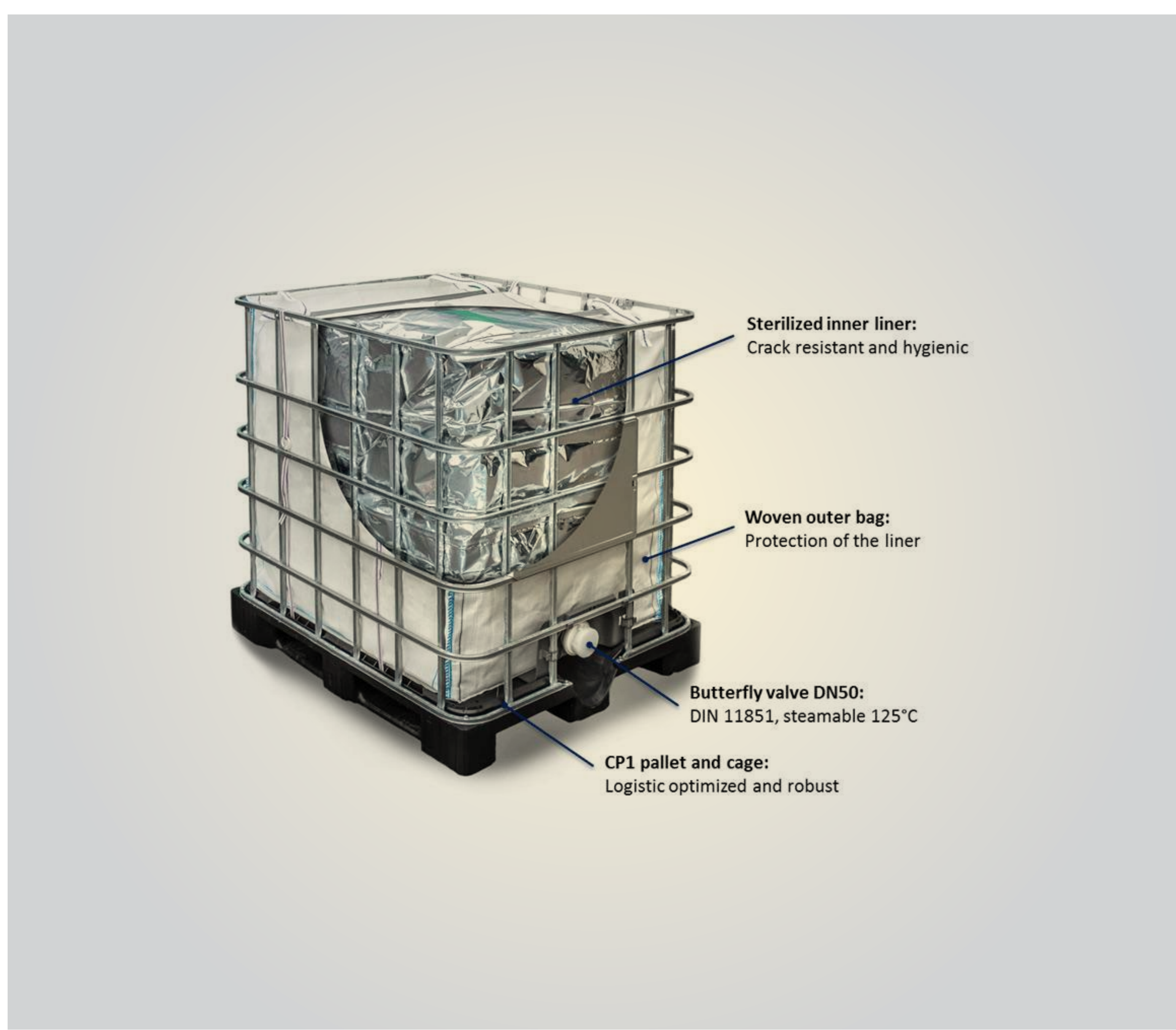


At aran, 2023 is the year of ESG

At Aran, we are kicking off 2023 with strong momentum in the field of sustainability. As part of our ESG (Environmental, Social, and Governance) policy, in addition to accelerating development of packaging that supports the quality of the environment, we have wrapped up installation of a solar system on the roof of our Israeli factory that spans some 5,000 square meters (**shown to the left**), which supplies about 50% of the factory's electricity. Furthermore, the Aran Europe factory in Valladolid, Spain (**photo to the right**) installed a solar system on the roof of the building, which supplies some 40% of the factory's electrical consumption. Aran is thus moving to green electrical production via solar power, cutting carbon consumption nearly in half, and taking an active role in the fight against global warming.

The bioplastics revolution at Aran: Biodegradable packaging that turns itself into fertilizer

Aran is a leader in developing environmentally friendly packaging for the BIB industry. The company recently made another groundbreaking announcement with its launch of an innovative biodegradable bag that turns into natural fertilizer, in a process started by planting it in the ground. A unique supplement added to the mix by Aran's engineers allows soil bacteria to decompose the plastic, leaving it on the ground as organic fertilizer, within two to five weeks after planting it. The bioplastics revolution is yet another of Aran-Biotech's environment-friendly solutions, such as container bags for the "Home Bio-Gas" system, which transforms household waste into cooking gas and organic compost.



Your yogurt is healthy - so is the packaging

In response to the climate change crisis, Aran expedited development of green products to help protect our planet. The multidisciplinary sustainability team at our company is developing the next generation of sheets, in addition to reducing the amount of raw material required. A standout example is our dedicated packaging for yogurt in 1,000 liter bags, developed by Aran in collaboration with the German company IBA, for manufacturers such as Danone, Yoplait, and Muller. This flexible packaging replaces stainless steel containers, cutting the carbon footprint by 70%.

Hummus in a pita? How about in a bag?

Aran supplies the growing hummus market with dedicated packaging developed jointly with the Israeli Strauss Co., one of the world's leaders in hummus production. These 5-liter aseptic bags, designed for dispensers of aseptic hummus spread for the institutional market, are watertight, and make it possible to market fresh hummus without preservatives, extending its shelf life and preserving the taste and nutritional values of this spread, considered a leading health food in the US and around the world.



PF - The bag that wins the battle against flex-crack

Aran's revolutionary PF bags have been commercialized, and are already in use by major food manufacturers around the world. One year ago, Aran introduced the PremiumFlex (PF) multi-layer aseptic bag designed for long-distance unpadded transport of liquid-based food products. These bags are highly effective against the flex-crack phenomenon that has challenged the industry for years. PF bags provide improved impact resistance, greater flexibility, and better product protection, as compared to previous products, with a 27% reduction in raw material, and a 20% increase in transport range - combining savings with protecting the environment.

Wishing all our clients and partners a healthy and successful 2023!
Happy New Year!