
Groundbreaking Recycling: First in Japan to turn aseptic carton packages into corrugated containers, Debuts at Expo 2025 Osaka ~ Collaboration by Oji Holdings, Nihon Tetra Pak, and Gold Pack ~

Oji Holdings Corporation (President: Hiroyuki Isono, Head Office: Chuo-ku, Tokyo) announce its collaboration with Nihon Tetra Pak K.K. (President: Niels Hougaard, Head Office: Minato-ku, Tokyo; hereinafter "Tetra Pak") and Gold Pack Co., Ltd. (President: Toshio Uji, Head Office: Shinagawa-ku, Tokyo; hereinafter "Gold Pack") to commercialize Japan's first recycling technology that remanufacture aseptic carton packages, which were primarily incinerated, into corrugated containers. The recycled corrugated containers are used as packaging material for mineral water distributed at the Nordic Pavilion of the Expo 2025.



Recycled corrugated containers made from used aseptic carton packages, featured at Expo 2025.

■ Japan's First Realization of Recycling aseptic carton packages into Corrugated Containers

Historically, most aseptic carton packages were primarily subjected to thermal recycling, such as incineration, with material recycling (reuse for paper products) limited to just 3.6% (※1).

Oji Holdings and Nihon Tetra Pak have established Japan's first recycling system to remanufacture aseptic carton packages into corrugated containers, and now aim to promote widespread adoption in industries such as the food industry and beyond.

In collaboration with Gold Pack, which manufactures mineral water in "Nordic Circle" original-design packages, the use of recycled corrugated containers marks the beginning of further adoption, with expectations for accelerated use of recycled containers in the future.

※1) "Recycling Flow Report of Aluminum-Laminated Beverage Carton Packages (2023 Survey)" (Japan Printing Industries Association Liquid Carton Section / Dynax Urban Environmental Research Institute Co., Ltd.)



Recycled corrugated containers in use at the Nordic Pavilion, EXPO 2025.

■ Comments from the Companies

Oji Holdings Corporation - Keiji Shimatani, General Manager, Recycling Initiatives Dept., Corporate Operations Division

"Oji Group actively addresses environmental issues based on one of our corporate philosophies, 'Coexistence with the Environment and Society'. As part of this, we are building systems to enable the recycling of various paper packages, including liquid carton package. Together with Tetra Pak, we aim to further expand the recycling of used paper, including aseptic carton package. Through this initiative, we will drive the realization of a sustainable society. The practical application at EXPO 2025 is a major step forward in the circulation of paper resources. We aim to collaborate with more companies and local governments to expand collection points and recycling technologies."

Nihon Tetra Pak K.K. - Yuko Ohmori, Sustainability Director

"Tetra Pak Group has set a goal to achieve net-zero greenhouse gas emissions across the entire value chain by 2050. To reduce the greenhouse gases emitted from the incineration of used liquid carton packages, we aim to ensure that all liquid carton packages are collected and recycled without being discarded. This initiative to recycle liquid carton packages into corrugated containers is the first of its kind in Japan. By creating new recycled products, we expect to expand their application and further promote collection and recycling. We are very pleased to be able to deliver bottled water in paper containers using recycled corrugated containers, and to offer this at the iconic EXPO 2025. Through a single bottle of water, visitors will experience resource circulation and environmental value. Moving forward, we will continue to promote the collection and recycling of paper containers and increase the opportunities for using recycled products such as containerboard, contributing to the realization of a circular society."

Gold Pack Co., Ltd. - Jungo Momose, General Manager, Corporate Planning Department

"Gold Pack has set as its environmental policy the goal of achieving harmony between corporate activities and nature/environment, and we are making various efforts to contribute to the realization of a circular society. These efforts have been recognized, and we have been certified as a 'Water Circulation ACTIVE Company' by the Cabinet Secretariat's Water Cycle Policy Headquarters for actively implementing water-related initiatives in the 6th year of the Reiwa era. As a new initiative, we have participated in efforts to use recycled corrugated containers made from aseptic carton packages. The use of this recycled cardboard aligns with our environmental policy, and it is not just "packaging material." It is a great joy for us as a company to be able to directly show visitors how used carton packages can be reborn with new value in this circular process. We will continue to contribute to the realization of a circular society through such partnerships."

Recycling aseptic carton packages requires advanced technology and a robust collection system, even internationally. Moving forward, we will work in collaboration with stakeholders to spread this initiative further within the food and beverage industry and increase consumer understanding, contributing to the realization of a circular society for a sustainable future.

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Establishment of a recycling system from liquid paper packages to corrugated paper board

Initiating steps towards achieving a circular economy for paper resources

A joint initiative between Oji Holdings and Nihon Tetra Pak K.K.

<https://www.ojiholdings.co.jp/portals/0/resources/content/files/news/2024/jp02tp08.pdf>

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