

June 4, 2025
 Doutor Coffee Co., Ltd.
 Nagase & Co., Ltd.

**Doutor Coffee Introducing Environmentally-friendly Packaging to Reduce Plastic Use
 —Creating “Sustainable Deliciousness” in the Coffee Industry with TiMELESS® Sold by
 Nagase & Co.**

Doutor Coffee Co., Ltd. (Head Office: Shibuya-ku, Tokyo; Representative Director and President: Tadanori Hoshino) has introduced new packaging equipment using TiMELESS® (*1) gas control technology, which Nagase & Co., Ltd. (Head Office: Chiyoda-ku, Tokyo; Representative Director, President and CEO Hiroyuki Ueshima) is the sole distributor of for coffee-related uses. With this technology, the plastic valves used to release gas in existing coffee packaging are no longer necessary, thereby both reducing the environmental burden and improving productivity by reducing the amount of plastic used.

Coffee beans release carbon dioxide gas after being roasted and a method to release this gas is necessary to prevent sealed packaging from bursting. Previously, plastic valves were used to release this gas, but this has been recognized as an issue due to their environmental burden. TiMELESS®, a unique technology developed by MIB Co., Ltd. and sold by Nagase & Co., creates fine flow paths in the seal of packaging film to release gas, making plastic valves unnecessary (Figure 1). This is a pioneering technology in the industry, and is expected to significantly reduce the environmental burden compared to existing methods.

Doutor Coffee began using environmentally-friendly packaging by using TiMELESS® for the first time in packaging for the Hatsugama set sold in 2023 (*2). In order to further reduce the environmental burden and increase productivity, Doutor Coffee have introduced new packaging equipment (Photo 1). TiMELESS® is being used in some products, mainly for commercial uses, and expanded use in other products will be considered based on the results of these products.

Through the expansion of TiMELESS® and introduction of equipment using it, Doutor Coffee and Nagase & Co. will contribute to the sustainability of the coffee industry as a whole.

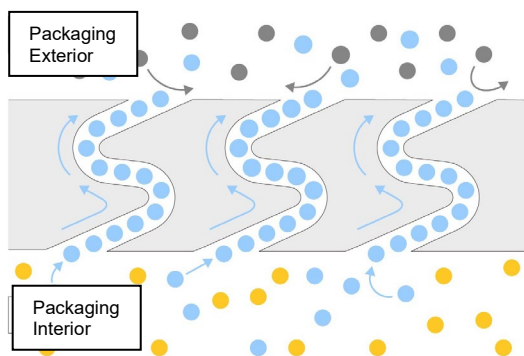


Figure 1



Photo 1

♦Introduction of TiMELESS® technology: [TiMELESS® | NAGASE Group](https://www.nagase.co.jp/en/ti-meless/)

*1: TIMELESS® is a gas control technology developed and patented by MIB Co., Ltd. (Head Office: Shibuya-ku, Tokyo; CEO: Toru Watanabe) applicable to film and paper packaging materials.

*2: A limited edition coffee set sold on Doutor Coffee's online shop. The first beans roasted in the New Year are used, and since the 2023 edition they have been using TIMELESS® bags.

December 8, 2022 Press Release

<https://www.doutor.co.jp/news/newsrelease/detail/20221207095606.html>

Doutor Coffee Profile

- Company Name: Doutor Coffee Co., Ltd.
- Head Office: Shibuya-ku, Tokyo
- Representative: Representative Director and President Tadanori Hoshino
- Business Overview: Production, acquisition, roasting, and wholesale/retail sales of coffee beans
- URL: <https://www.doutor.co.jp/>

Nagase & Co. Profile

- Company Name: Nagase & Co., Ltd.
- Head Office: Chiyoda-ku, Tokyo
- Representative: Representative Director, President and CEO Hiroyuki Ueshima
- Business Overview: Import/export and domestic sales of chemicals, plastics, electronics materials, cosmetics and health foods
- URL: <https://www.nagase.co.jp/english/>

MIB Profile

- Company Name: MIB Co., Ltd.
- Head Office: Shibuya-ku, Tokyo
- Representative: CEO Toru Watanabe
- Business Overview: Sales of packaging and packaging materials; development, manufacture, and sales of supersonic sealing technology
- URL: <https://www.mibjp.com/>

■Inquiries

Doutor Coffee Co., Ltd. Email: news-release@doutor.co.jp

Nagase & Co., Ltd. URL: <https://www.nagase.com/services/development/timeless>

<Business Inquiries>

Functional Materials Div., Performance Chemicals Dept., Nagase & Co., Ltd.

Email: TIMELESS@nagase.co.jp

<Media Inquiries>

PR Section, Corporate Relations Div., Corporate Management Dept., Nagase & Co., Ltd.

Tel.: 070-4314-0671