

Contributing to reducing plastic volume New development of the world's thinnest 20µm shrink film

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Toyobo is a specialty manufacturer of PET films in the shrink film market. Our policy is to boost our competitiveness through product development that is cutting-edge in terms of both performance and environmental consideration. Our production technology creates thinner films while maintaining strength, an achievement that cannot be imitated by others. In 2012, we succeeded in developing and launching SPACECLEAN®, a heat shrinkable PET film that significantly cuts the mainstream 40µm thickness to a world's-thinnest 20µm. This product offers benefits not only in the environmental value of reducing plastic volume but also in terms of productivity, and has found use with many customers, mainly beverage producers.

In response to strong demands by customers, we will also start using recycled PET material from bottles to produce this 20µm film. In the past, the use of recycled raw materials yielded differing grades of product. We will further expand this and contribute to achieving customers' specific goals for sustainable packaging.

Along with the reduction of plastics, the reduction in use of virgin raw materials is also a pressing global issue. We plan to actively propose products made from recycled raw materials to our customers overseas as well. As PET labels are easier to recycle than polyvinyl chloride and polystyrene labels, we aim to build a resource circulation network for recycling containers that use shrink film, drawing on cooperation from brand owners, converters, and recycling business operators in overseas markets.



PET bottle labels made with SPACECLEAN® heat-shrinkable PET film