

# Mazerucchan Divided Pouch Reduces Waste and Improves Freshness

MARUTO SANGYO. CO., LTD  
SANKO MACHINERY CO., LTD.

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During Drink JAPAN, held this past July in Tokyo, the Japanese package converter MARUTO SANGYO. CO., LTD exhibited Mazerucchan, a divided pouch that it began marketing this past March. The new divided pouch allows two different types of contents to be mixed without using a separate container and helps reduce waste volumes. The SANKO MACHINERY CO., LTD. filling machine has been modified to match the specifications of Mazerucchan. Some of the unique aspects not seen in other divided pouches attracted strong interest during the event and are leading to the pouch's increasing use.

Divided into two compartments, Mazerucchan can be filled with two different types of contents. Pressing on one side of the pouch with a certain amount of force will break the pouch's dividing seal, allowing the contents to be mixed immediately before use. This also allows the exact amount of each content to be mixed, as well as allows two products that would typically be packaged separately to be packaged together.

With competitor products, only one side of the pouch can be pressed to break the dividing seal, but Mazerucchan is designed so that either side can be pressed as long as both



MARUTO SANGYO Demonstrated Pouch Making and Filling During the Event

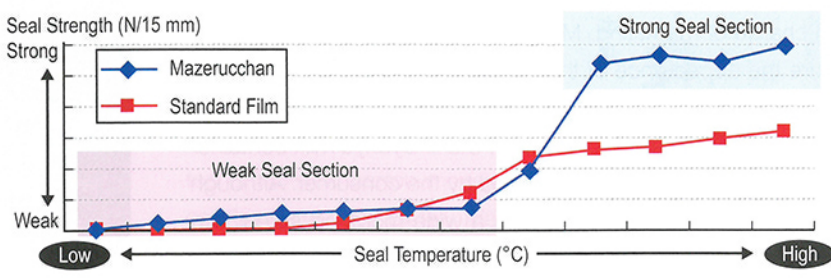
of the contents are liquid. Some potential uses for the pouch include combining hydrogen generating powder and beauty lotion, face masks and beauty lotion, liquid condiments and powders, cold packs, and two component adhesives that cure when mixed. According to the representative, Mazerucchan is aimed at use for products that require better flavor, food texture, performance, and freshness.

The complexity of divided pouches lies in the fact that the outer seal must be strong whereas the dividing seal must be weak. MARUTO SANGYO's special sealant film simplifies this problem by being designed with both a low and high seal temperature range. As such, the seal strength can be adjusted simply by changing the temperature setting of the seal bar. In addition, the weak seal temperature range is broad, which makes it easy to adjust the temperature. The structure of the pouch itself depends on the application, with some examples being barrier PET (barrier Ny)/special sealant and PET (Ny)/aluminum foil/special sealant.

MARUTO SANGYO supplies the film in both roll form and pouch form.



Either Side Can Be Pressed as Long as Both Contents Are Liquid



Comparison of Mazerucchan and Standard Film Seal Temperature Ranges (according to MARUTO SANGYO). Mazerucchan Has Both a Low and High Seal Temperature Range, Where the Weak Seal Section Temperature Range Is Wide, Making Temperature Adjustment Easy