Bostik
smart adhesives

Smart Reseal

SUSTAINABLE SOLUTIONS FOR FOOD PACKAGING

SMART **RESEAL**

With over 18,8 million tons and almost 300 billion units produced globally[1], the market of flexible packaging for food remains a major industry, with growing expectations from manufacturers and end-users in terms of quality, innovation and sustainability.

Bostik's Reseal technology, based on M-Resins, is an innovative solution which brings flexible packaging for food into a new era.

(1) Canadean

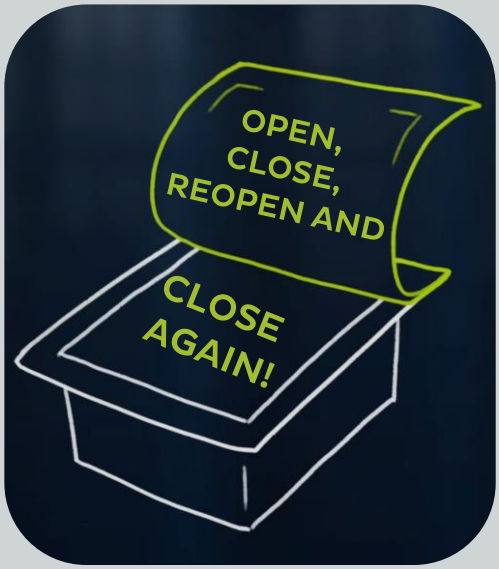
FOOD WASTE REDUCTION

1.3 billion tons of food are wasted every year in the world, which corresponds to 30% of the total production. (2)

Where traditional flexible packagings are considered as a disposable material allowing very short product life after opening, resealable packagings allow improved product conservation and therefore **reduced food waste.**

(2) FAO (Food and Agriculture Organization of the United Nations)

PACKAGING CONSUMPTION REDUCTION



After opening a product, consumers willing to preserve it often use additional materials such as plastic films or aluminum foils, which generate additional waste and are very difficult to recycle, and secondary packaging such as plastic boxes which need to be cleaned after.

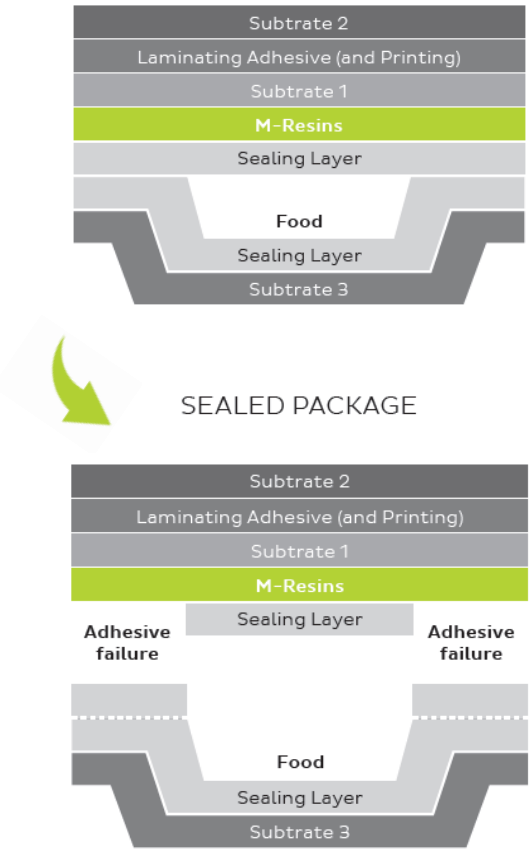
With Bostik's Reseal technology, the multilayer plastic film used as a resealable lid can be easily peel off then reclosed - and not thrown immediately in the trash. The original packaging follows the entire product's life!

OUR SMART TECHNOLOGY

M-Resins used in the food packaging industry to produce resealable films and lids are 100% solid, pressure-sensitive adhesives packaged in a protected, pelletized form that can be extruded on most standard blow and cast extrusion lines.

They are typically extruded into a multi-layer, co-extruded sealant film - minimum of three layers - with the M-Resins as the middle layer, the co-extruded sealant film can then be laminated to a reverse-printed, heat-resistant film to form the lidding web.

After sealing the laminated lidding web to a rigid or thermo-formed rigid tray, the sealed tray is ready for use. After the consumer opens the package the first time, the coextruded sealant film breaks at the Hot Melt layer, revealing the pressure sensitive layer and, thus, can become resealed to the tray.



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