



Reseal Adhesives

SMART SOLUTIONS FOR RESEAL APPLICATIONS





FOR OVER 125 YEARS, BOSTIK HAS BEEN A GLOBAL LEADER IN INDUSTRIAL ADHESIVES AND SEALANTS.

With strong collaborative partnerships and alliances, we are a fully-owned subsidiary of Arkema and have a presence in 40 countries. Bostik's extensive technical expertise and history of innovation enable our company to successfully address the ever-changing needs of our customers and anticipate future needs to come. We have three corporate R&D laboratories and 11 research centers worldwide. Bostik's advanced technologies include hot melt adhesives such as butyls, EVAs, polyesters, polyamides, polyolefins,

styrenic block copolymers and polyurethanes as well as some solvent and water-based chemistries. Our company also has capability in reactive adhesives including polyurethanes and silane modified polymers. Bostik designs smart adhesives to be fast, high-performing and safe, saving customer's time and money while improving their manufacturing processes. Furthermore, our solutions address today's growing economic and environmental concerns.

Intro to Reseal Adhesives

BOSTIK OFFERS A COMPLETE LINE OF RESEAL ADHESIVE PRODUCTS FOR MEDIUM AND HIGH PERFORMANCE APPLICATIONS IN THE FOOD PACKAGING AND CONSUMER GOODS INDUSTRIES.

By eliminating the need for secondary packaging (disposable plastic containers, zippers and slider reclosures, etc.), our reseal adhesives help you create less waste, making your packaging more environmentally friendly than conventional, non-resealable packaging. In addition, the U.S. Department of Agriculture says that \$300 billion of food is wasted every year. Since resealable lidding helps keep food fresh longer, it helps minimize waste related to damaged or spoiled products. Our reseal technology also offers consumer convenience by eliminating the difficult-to-align packaging with zipper attachments. Furthermore, many of our reseal products are compositionally compliant for FDA-approved applications.



JB Water-Based

RELIABLE AND COST-EFFECTIVE

Over a decade ago, Bostik began developing emulsion-based acrylics to round out our own patented water-based pressure sensitive adhesive (PSA) technology and expand our in-house developments. Our water-based JB technology can be applied via Gravure coating equipment and as an alternative to our M-Resins extrusion reseal.

FLEXIBLE RESEALABILITY

Our JB water-based reseal adhesives are predominately used for food packaging applications such as sweet snacks, bakery and confectionery products. Contact your Bostik sales representative to discuss how Bostik can help you create your uniquely designed resealable packaging concepts.

ADVANTAGES

MORE RELIABLE PERFORMANCE

We can customize the performance of our JB PSAs to create strong package integrity and easy opening for consumer convenience. We can also vary the primary and secondary reseal strengths to a variety of substrates. Resealable packaging made using JB PSA coatings helps to protect the packaged product from humidity and open exposure. Furthermore, our coatings can be formulated to provide various seal/reseal characteristics and at different seal strength ranges.

INCREASED PROFITABILITY AND OPERATIONAL EFFICIENCIES

JB PSA coatings are applied via Gravure application, which means no additional equipment investment may be needed. JB PSA coatings may be pattern-applied to the required area instead of the entire packaging material, reducing waste and cost.



JBX0011

JBX0011 is a water-based PSA. This product is formulated to provide a repositionable seal with little diminishment in seal strength provided there is no contamination of the PSA. Seal strengths will vary with specific coating, film treatment and processing.

JB018

JB018 is a water-based PSA. It is formulated to provide a repositionable seal with little diminishment in seal strength provided there is no contamination of the PSA. JB018 is compositionally FDA compliant for some direct food contact applications, contact your Bostik sales representative for more information. Seal strengths will vary with specific coating, film treatment and processing.

JBX0012

JBX0012 is a water-based PSA. This product is formulated to provide a repositionable seal with little diminishment in seal strength provided there is no contamination of the PSA. Seal strengths will vary with specific coating, film treatment and processing.

JB020

JB020 is a water-based PSA. It is formulated to provide a repositionable seal with little diminishment in seal strength provided there is no contamination of the PSA. JB020 is compositionally compliant for FDA direct food contact applications, contact your Bostik sales representative for more information. Seal strengths will vary with specific coating, film treatment and processing.



PRODUCT	pH	VISCOSITY	SOLIDS %	DENSITY	COLOR
JBX0011	8.5	250cP @ 77°F (25°C)	60.0	8.6 lb/gal	White
JB018	8.5	250cP @ 77°F (25°C)	60.0	8.6 lb/gal	White
JBX0012	8 - 9.5	50 - 300cP @ 77°F (25°C)	57.6 - 60.0	8.6 lb/gal	White
JB020	8 - 9.5	50 - 300cP @ 77°F (25°C)	57.6 - 60.0	8.6 lb/gal	White

M-Resins: M3156/T, M651

KEEP FOOD FRESHER

Our extrudable reseal adhesive technology combines the easy usability of M-Resins on existing converting and packaging equipment. Ideal for resealable, multi-serve food applications, M-Resins are used in a multi-layer film, which is laminated to a reverse-printed film that forms a lidding web material. This material is sealed to a thermoformed tray. Once the seal is broken, it reveals a pressure sensitive layer that offers resealability and keeps food fresher for longer.

FASTER PACKAGING SPEEDS

Compatible with blown or cast extrusion resins as well as most screw and barrel designs, M-Resins offer faster packaging speeds and lower cost-in-use as a result. Their free-flowing, uniform-size pellets make them easy to feed in existing equipment. Additionally, by using mainly thermoplastic elastomers, M-Resins stay in the sweet spot between a hermetic yet resealable once opened.

ADVANTAGES

IMPROVED OPERATIONAL EFFICIENCIES

M-resins are incorporated into blown film structures. This enables faster packaging speeds, lower cost-in-use and improved productivity compared to zippers.

ADDED VALUE

Innovative reseal is growing in popularity among end users and consumer applications. As a result, increased packaging opportunities expand your target market.

INCREASED PROFITABILITY

Co-extrusion technology without the need for secondary heat seal operation (i.e., zipper attachment) causes faster converting speeds and is less costly when compared to a secondary PSA label. No additional equipment investment is needed, as M-Resins are compatible with blown or cast extrusion resins and most screw and barrel designs. Compatibility with various olefinic resins enables easy purging with standard LDPE resin and minimized change over time. Free-flowing, uniform-sized pellets result in easy feeding.

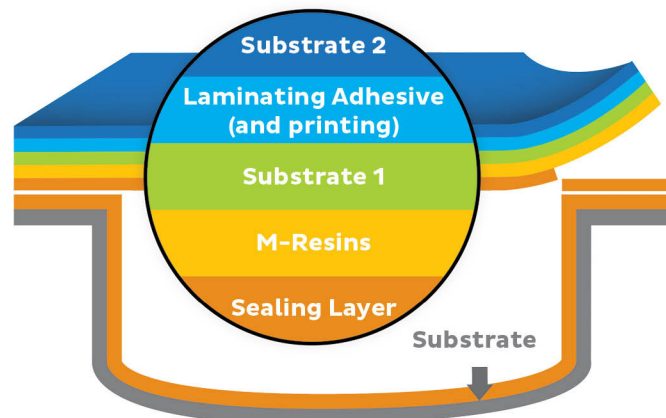
PRODUCT	MELT INDEX ²	TACKINESS	FAILURE MODE	FIRST OPENING ³	SECOND OPENING ³
M3156/T	8	Low	Adhesive/Cohesive	1,760g (6.8 N)	210g (0.8 N)
M651	45	Medium/High	Adhesive/Cohesive	1,140g (4.4N)	280g (1.1N)

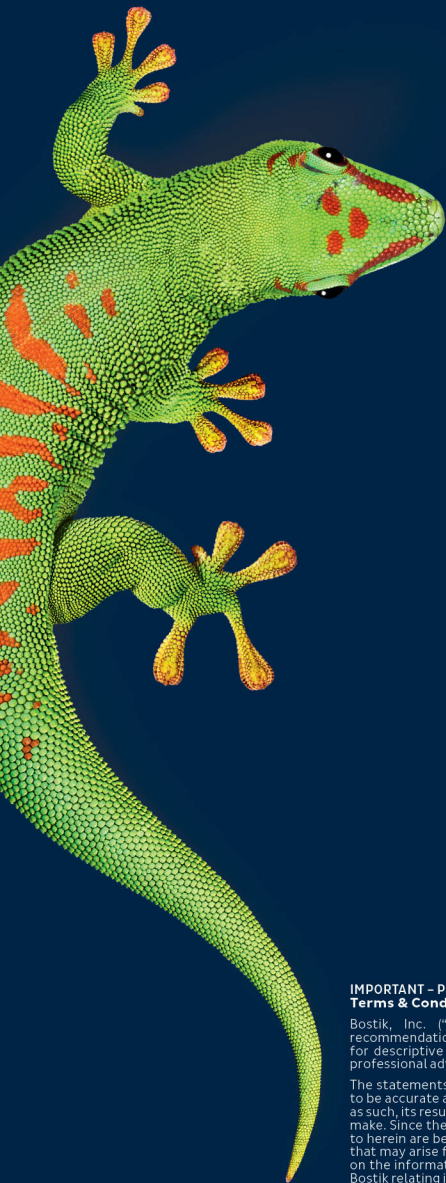
¹M951 is similar to M651, but made in N. America using equivalent raw materials

²Melt Flow Index (g/10mn), NF EN ISO 1113, condition 6 at 190°C and 2.16 Kg

³Reported in grams/inch and (N/cm), where 1N/cm=259g/inch, T Peel at 300mm/mn (internal test method)

M-RESINS DELIVER CONSISTENTLY BETTER PERFORMANCE





**Smart help:
1-800-726-7845**

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