

AJ's line of specialty envelope adhesives are capable of bonding the most varied types of paper and films perfectly.

They can be relied upon for quick adhering, dependable closing, and the ability to remain fully functional after long storage periods. They have been engineered to withstand the assembly speed and capacity of the fastest application equipment.

## ENVELOPE ADHESIVES

Your AJ Adhesives representative can help select the proper product from the following list or formulate a customized solution that will fulfill your application needs. Samples are also available for testing purposes.

Product	Type	Viscosity	Description
<b>SEAL APPLICATIONS</b>			
* AQ 767 P	Formulated Resin Adhesive	Approx. 6500 cPs	Front seal gum with the best combination of gum box stability, remoistenable, lay-flat, re-moistening tack and humidity blocking resistance. Low VOC front seal gum. Improved adhesion to difficult stocks.
* AQ 2093	Resin Re-moistening Adhesive	Approx. 10,000 cPs	Envelope front seal applications with excellent non-block and non-curl properties. Good glass and fast re-wet tack with good machining.
* AQ 4110	Water Based Pressure Sensitive Emulsion	Approx. 2400 cPs	Very viscosity stable. Excellent coating characteristics. Dry film is pressure sensitive. Specialty window adhesive for carton manufacture.
* COVINAX 169	Vinyl Acrylic	1600-3400 cPs @ 77 °F	Exhibits outstanding adhesion to most synthetic films, including treated and untreated polyethylene and polypropylene, Tyvek and cryovac.
* AQ 6199	Formulated Rubber Latex	Approx. 150 cPs	Self seal rubber latex for envelopes and coatings on paper, board, etc. Peel-able tipping adhesive for mounting plastic ID cards to paper. Excellent machining.
* TM-277 A	Hot Melt Adhesive	2000 cPs @ 300 °F	Fast setting product with excellent moisture activation for remoistenable applications. May be used for front seal envelope applications.
AQ-ENV-338P	Formulated Resin Adhesive	Approx. 7250 cPs	Dries to a glossy, light colored film with exceptionally fast re moistening speed. Excellent non-curl and adhesion. Very fast drying with low or no heat required. Good in hot humid conditions.
AQ-ENV-3405	Formulated Resin Adhesive	Approx. 6000 cPs	Dries to a glossy, light colored film with fast re moistening speed. Excellent lay flat with very fast drying. High resin content.
AQ-ENV-888L	Formulated Resin/ Dextrin Adhesive	Approx. 4000 cPs	New generation of front seal gums with the best combination of gum box stability, re-moisten ability, lay-flat, re moistening tack and humidity blocking resistance. Low viscosity.
AQ-ENV-2018	Resin Re-moistening Adhesive	Approx. 8500 cPs	Excellent gloss, excellent non-block and non-curl properties. Very fast re-wet tack and good machining.

\* INDICATES LEADING PRODUCT

(CONTINUED ON BACK)



Product	Type	Viscosity	Description
<b>SEAL APPLICATIONS (CONT'D)</b>			
AQ-200A	Resin Re-moistening Adhesive	Approx. 1300 cPs	Excellent non-block and non-curl properties. May also be used as an envelope seal gum. Good machining.
AQ-ENV-8640UV	Water Based Pressure Sensitive Adhesive	6500 cPs @ 76 °F	Exhibits very aggressive tack and can be utilized on all open-end equipment. Works best when applied by wheel or roller.
AQ-ENV-7207UV	Water Based Pressure Sensitive Adhesive	6500 cPs @ 76 °F	Water based pressure sensitive adhesive designed as a "peel and seal". Exhibits very aggressive tack and can be utilized on all open-end equipment. Works best when applied by wheel or roller.
<b>WINDOW APPLICATIONS</b>			
*AQ-ENV 156A	Formulated Copolymer Resin Emulsion	Approx. 100 cPs	Excellent patch gum for high speed machines. Unique blend of high wet tack with excellent gum-box stability. Excellent for use on re-circulating equipment.
*AQ-ENV 4019	Envelope Window Patch Gum	Approx. 600 cPs	Performs well on conventional patching and HSP equipment. Very good gum box stability.
*AQ-ENV 591A	Formulated Resin Adhesive	Approx. 1000 cPs	Ideal for high speed adhesive when excellent gum-box stability is required. Blend of long open time, high adhesion, and excellent resistance to viscosity build up in glue pots.
AQ-ENV-4020	Formulated Resin Emulsion	Approx. 1500 cPs	Adheres polystyrene, Avpexine, and Dow DWF6001 to paper for use on envelopes and carton windows. Long open time, resistance to viscosity build up in glue pots.
AQ-ENV-275A	Formulated Copolymer Resin Emulsion	Approx. 1000 cPs	Excellent patch gum for high speed machines. Unique blend of high wet tack with excellent gum-box stability.
<b>SEAM APPLICATIONS</b>			
* AQ 3547	Formulated Envelope Back Seam Gum	Approx. 1500 cPs	Very clean machining with excellent non-throw, adhesion, and labeling resistance.
* AQ 349A	Resin Seam Gum	Approx. 225 cPs	Excellent cut-off and little build up on extruders. Very good set speed. Contains UV indicator. Very clean machining, performs well with small orifice nozzles.
AQ-ENV-3541	Formulated Envelope Back Seam Gum	Approx. 1000 cPs	Envelope back seam adhesive with clean machining, excellent adhesion, and humidity resistance. Runs well on high speed machines.
AQ-ENV-7603	Formulated Envelope Back Seam Gum	Approx. 2000 cPs	Very clean machining, short, non-throwing products even at high speeds. Excellent adhesion and humidity resistance.
AQ-ENV-3568	Vinyl Dex Open Gum	Approx. 2500 cPs	For use on Alkali-sized kraft or other more difficult to adhere paper stocks. Any general open-end applications.
AQ-ENV-618A	Resin Seam Gum	Approx. 350 cPs	Excellent cut-off and little build up on extruders as compared to current product line. Very good set speed.
AQ-ENV-4019	Envelope Window Patch Gum	Approx. 600 cPs	Performs well on conventional patching and HSP equipment. Very good gum box stability.
<b>LIQUID - LATEX</b>			
AQ-ENV-6199	Formulated Rubber Latex	Approx. 150 cPs	Self seal rubber latex for envelopes, and coatings on paper, board, etc. Peel-able tipping adhesive for mounting plastic ID cards to paper.

\* INDICATES LEADING PRODUCT

AJ Adhesives is the manufacturing industry's premier source of industrial adhesives and industrial adhesive application equipment. Ordering from AJ is the most cost effective and productive route to adhesive purchasing with supported territories throughout the Midwest, Southwest, Northwest and Northern U.S. and warehouse locations in St. Louis, Chicago, Houston and Seattle.

**Holding North American Manufacturing Together®**

**CORPORATE HQ**

4800 MIAMI ST.  
ST. LOUIS, MO 63116

office 314.652.4583  
fax 314.652.9399

ajadhesives.com

