



PRODUCT CATALOG



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Partnerships:



**PACKAGING PRODUCTS**

Case and Carton Sealing ..... 3-4  
 Container Labeling ..... 5-6  
 Book Binding/Graphic Arts ..... 7-8

**PAPER CONVERTING**

Envelope ..... 9-10  
 Glued-Lap ..... 11  
 Folding Carton ..... 12  
 Bag Converting ..... 13-14  
 Flexo Litho Laminating ..... 15-16  
 Tube Winding ..... 17

**WOOD AND CONSTRUCTION**

Assembly ..... 18  
 Finger Jointing ..... 18  
 Edge and Face Gluing ..... 19  
 Hot & Cold Press Laminating ..... 20

**AEROSOL AND CANISTER PRODUCTS**

Adhesives ..... 21

**GLUE STICKS**

Hot Melt Glue Sticks & Guns ..... 22

**PRODUCT ASSEMBLY**

Cyanoacrylates ..... 23-24  
 Epoxies ..... 25-26  
 Anaerobics ..... 27-28

**CONSTRUCTION PRODUCTS**

Sealants & Adhesives ..... 29-31

**SUPPLIERS**

Henkel ..... 32  
 AJ Private Label ..... 32  
 Franklin ..... 32  
 Bostik ..... 32  
 DOW ..... 32  
 Adhesive Systems, Inc. .... 33  
 Boss Products ..... 33  
 Camie-Campbell ..... 33  
 Glue Dots ..... 33  
 Quin Global TensorGrip ..... 33  
 Westix ..... 33

**AJ ADHESIVES, INC.**

When you're looking for a supplier that can meet your adhesive needs, look no further than AJ Adhesives, Inc. We are the manufacturing industry's premier source of industrial adhesives and industrial adhesive application equipment, distributing to a diverse range of industry sectors.

Our inventory of hot melt and liquid adhesives are applied to a broad range of applications including; case and carton sealing, book binding, labeling, paper laminating, carton forming, woodworking, and product assembly.

Ordering from AJ Adhesives, Inc. is the most cost-effective and productive route to adhesive purchasing. Our sales and technical support staff are professionally trained in adhesive technology and adhesive application equipment. Our warehouse locations in St. Louis, Chicago, Houston, and Portland provide a AJ a logistical advantage in getting product to the customer sooner. All of these unique abilities will provide you the most seamless ordering process in the market.

You can reach AJ Adhesives at **314-652-4583**

Or check us out on the web at [www.ajadhesives.com](http://www.ajadhesives.com) to learn more about AJ



AJ's line of case and carton hot melts and water based adhesives provide customers with premium products capable of bonding to a wide variety of board stock.

They offer robust open times and fast set times for optimum performance. They also provide improved mileage over conventional products and provide excellent machining properties.

## CASE AND CARTON SEALING

Product	Type	Viscosity	Description
<b>350 °F</b>			
* AJ 2476	Hot Melt Adhesive	950 cPs @ 350 °F	Freezer grade application offering high hot tack, balanced open time and fast set speed. Specifically engineered for freezer grade box beef.
* AJ 856	Hot Melt Adhesive	1250 cPs @350 °F	Excellent hot tack, can bond short flaps with high springback, or where there is less than ideal compression. This hot melt also has outstanding high temperature bonds, while maintaining excellent low temperature bonds on typical corrugated boxes. It is the hot melt of choice for general purpose packaging applications.
AJ 4040	Hot Melt Adhesive	1200 cPs @ 275 °F	mid-application temperature adhesive for high-speed packaging lines. Boast a fast set and bonds most substrates associated with case and carton sealing applications. Advantages include: reduced maintenance costs and parts replacement, increased safety, reduced consumption and save on energy costs. Metallocene adhesive.
* AJ 1910	Hot Melt Adhesive	800 cPs @ 350 °F	Is premium light colored hot melt packaging adhesive used for tray forming, case & carton sealing. It is very heat stable product with excellent clean machining properties. Has good high and low temp bond performance with excellent mileage. Metallocene adhesive.
AJ 1920	Hot Melt Adhesive	1080 cPs @ 350 °F	High performance Metallocene packaging adhesive featuring excellent hot and cold resistance. Performs well on high memory board stock.
TM 801	Hot Melt Adhesive	1150 cps@ 350 °F	High performance Metallocene packaging adhesive featuring excellent hot and cold resistance. Performs well on high memory board stock.
TM Supra 126	Hot Melt Adhesive	1250 cps@ 350	Premium performance product with high heat and cold resistance. Good hot fill application adhesive. Very fast set speed along with high initial tack.

\* INDICATES LEADING PRODUCT

(CONTINUED ON P. 4)

(CONTINUED FROM P. 3)

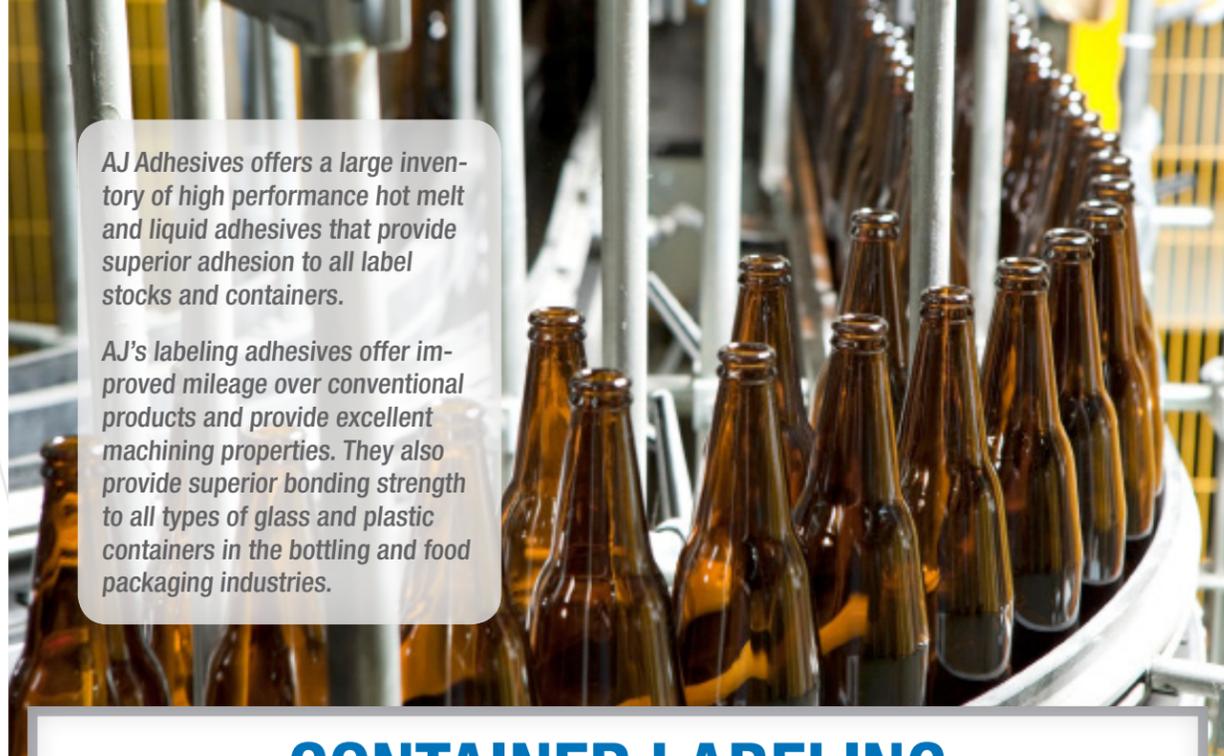
<b>LOW TEMPERATURE</b>			
TM 134D	Hot Melt Adhesive	970 cPs @ 275 °F	Low viscosity freezer grade adhesive for application at 275 degrees. Outstanding thermal stability to prevent char as well as excellent adhesion to difficult board stock.
AJ 4110	Hot Melt Adhesive	1200 cps @ 250 °F	Low temp Metallocene packaging adhesive with enhanced stability over conventional hot melts. Fast setting for high speed packaging applications.
* TM250A	Hot Melt Adhesive	1200 cps @ 250 °F	Low temp EVA packaging adhesive with good thermal stability to prevent char formation. Fast setting for high speed carton applications.
<b>HOT MELT TRAY FORMING APPLICATIONS</b>			
* TM 250A	Hot Melt Adhesive	1200 cps @ 250	Excellent adhesion to difficult board stock including recycled and high performance liners. Excellent balance of heat resistance and cold adhesion. Fast setting for high speed applications.
AJ 856	Hot Melt Adhesive	1250cps@350 °F	Excellent hot tack, can bond short flaps with high springback, or where there is less than ideal compression. This hot melt also has outstanding high temperature bonds, while maintaining excellent low temperature bonds on typical corrugated boxes. It is the hot melt of choice for general purpose packaging applications
* AJ 1910	Hot Melt Adhesive	800 cps@350 °F	Is premium light colored hot melt packaging adhesive used for tray forming, case & carton sealing. It is very heat stable product with excellent clean machining properties. Has good high and low temp bond performance with excellent mileage. Metallocene adhesive.
AJ 1920	Hot Melt Adhesive	1080 cPs @ 350 °F	High performance packaging adhesive featuring excellent heat resistance. Designed to low temperature conditions with aggressive bonding and high tack. Metallocene Adhesive.
AJ 1112	Hot Melt Adhesive	1600 cPs @ 350 °F	Choice product for beef and poultry houses. Provides deep fiber tear on recycled cardboard and some coated stock. Great hot tack with excellent high and low temperature bond performance.

\* INDICATES LEADING PRODUCT

(CONTINUED FROM P. 5)

AJ Adhesives offers a large inventory of high performance hot melt and liquid adhesives that provide superior adhesion to all label stocks and containers.

AJ's labeling adhesives offer improved mileage over conventional products and provide excellent machining properties. They also provide superior bonding strength to all types of glass and plastic containers in the bottling and food packaging industries.



## CONTAINER LABELING

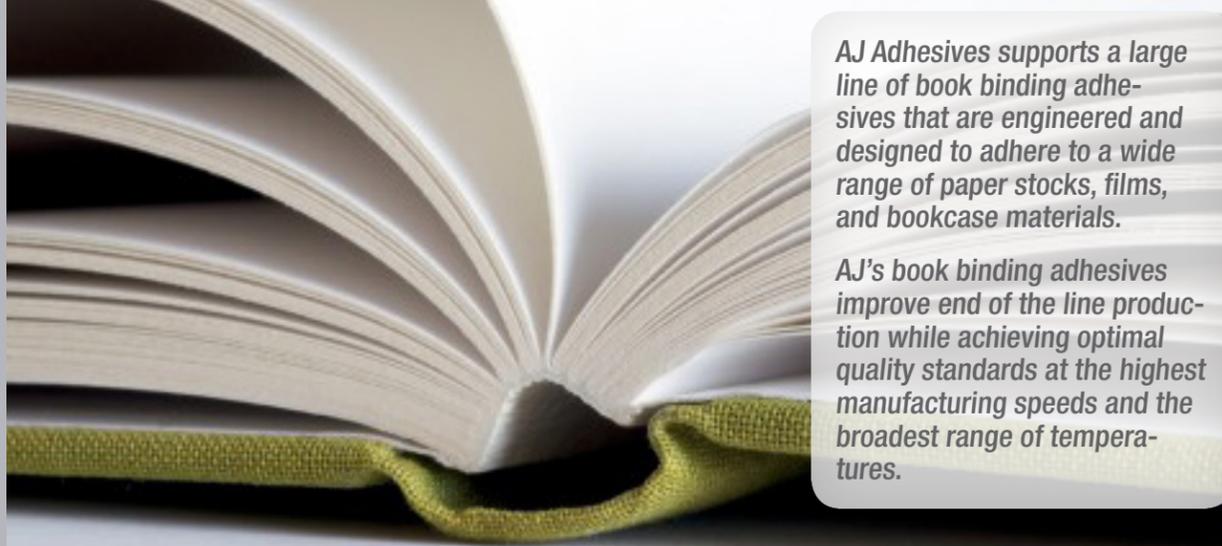
Product	Type	Viscosity	Description
<b>LIQUID - SYNTHETIC</b>			
* AJ BRU GLU TU	Resin Iceproof	50,000 cPs @ 77 °F	Glass bottle labeling adhesive specifically engineered for brewery, winery, and distillery applications. Offers high tack, fast set speed and clean machining for more efficient operation.
XP-77	Synthetic Polymer	85,000 cPs @ 76 °F	Exhibits high wet tack, with fast set speed and extremely clean machining. Formulated to have very easy clean-up, while offering excellent adhesion to PET and over-coated low dyne glass.
XP-7010	Synthetic Polymer	70,000 cPs @ 76 °F	High performance adhesive for glass containers needing hyper-condensation resistance. Developed to replace casein based labeling adhesives on very cold and wet bottles. Features excellent machinability on high-speed rotary labelers. Patterns very well.
Optal LG-30MCR	Synthetic Polymer	110,000 cPs @ 76 °F	High performance labeling adhesive for glass. Exhibits excellent machine-ability on high-speed rotary labelers. Patterns, well, which offers higher mileage versus conventional Casein products. Will pass brewery ice-proof tests, but easily removed by typical washing methods.
Optal LG-45	Synthetic Polymer	50,000 cPs @ 76 °F	Excellent machine-ability on high-speed rotary labelers. It patterns well, which offers higher mileage versus conventional Casein products.
<b>JELLY GUM</b>			
AQ 4079	Jelly Gum	Approx. 100,000 cPs	Bottle labeling adhesive for picker plate equipment. Excellent non-crystallizing properties, high humidity resistance, high tack, and good spread-ability.
<b>HOT MELT</b>			
* TM EM-377	Hot Melt Adhesive	600-1000 cPs @ 300 °F	High performance, low viscosity pressure sensitive labeling hot melt designed to run on roll or magazine fed labelers. It features aggressive tack, which patterns well with little adhesive applied.
* TM EM-396C	Hot Melt Adhesive	860 cPs @ 300 °F	Wrap around labeling of PVC, HDPE & PET plastic bottles as well as glass bottles and metal cans with paper or poly labels, both pick up overlap applications. Recommended for roll fed and magazine fed labelers on carbonated and non-carbonated containers.

\* INDICATES LEADING PRODUCT

(CONTINUED ON P. 6)

Product	Type	Viscosity	Description
<b>HOT MELT (CONT'D)</b>			
* TM EM-369	Hot Melt Adhesive	600 cPs @ 300 °F	Pressure sensitive hot melt suitable for the pick-up and overlapping station on container labelers. The low application temp. is specially designed for good machine-ability without damage to the shrink label. Developed for safe pick up and overlapping of hot containers or high storing conditions.
TM EM-115	Hot Melt Adhesive	200-400 cPs @ 300 °F	Tacky, low viscosity semi-pressure sensitive adhesive developed especially for the labeling industry. Features aggressive tack and adhesion to PET and glass bottles. Will bond poly and paper labels and produce fiber tear at low temperatures.
TM EM-4955	Hot Melt Adhesive	2300 cPs @ 300 °F	Good adhesion to glass, metal and PET containers. Also good adhesion to paper, most film and most foamed plastic label stocks.
AJ 12002	Pick Up	700 cPs @ 250 °F	Low temp hot melt pick up. Designed to have a wide tack range especially on cold containers. Excellent adhesion to a variety of containers, including untreated poly, glass and metal.
TM 3281	Pick Up	600 cps and 250 °F	Low temp hot melt pick up. Good adhesion to untreated poly, metal and glass.

\* INDICATES LEADING PRODUCT



AJ Adhesives supports a large line of book binding adhesives that are engineered and designed to adhere to a wide range of paper stocks, films, and bookcase materials.

AJ's book binding adhesives improve end of the line production while achieving optimal quality standards at the highest manufacturing speeds and the broadest range of temperatures.

## BOOK BINDING/GRAPHIC ARTS

Product	Type	Viscosity	Description
<b>EVA SPINE ADHESIVES</b>			
* AJ 8000	Hot Melt Adhesive	3850 cPs @ 275 °F	AJ 8000 is a low temperature bookbinding adhesive - bonds most substrates associated with bookbinding. Features reduced maintenance costs and parts replacement, increased safety, and reduced consumption.
* TM-416C	Hot Melt Adhesive	5200 cPs @ 275 °F	Designed for applications at 275 °F (+/-) 15 °F. Offers excellent adhesion, low odor, good color, low energy use, reduced burn hazard, and less maintenance.
TM-791C	Hot Melt Adhesive	5150 cPs @ 275 °F	Offers excellent adhesion, low odor, and less maintenance. Has exceptional long open time, and still has fast set for short trim times
TM-485D	Hot Melt Adhesive	5000 cPs @ 350 °F	Premium perfect binding soft cover spine adhesive. Translucent white with cold crack resistance down to 5 degrees.
<b>PUR Spine Adhesives</b>			
AJ 6764	Hot Melt Adhesive	5800 cPs @ 350 °F	Amber adhesive developed for general purpose bookbinding applications
* TM-850A	Moisture Curing Hot Melt	6000 cPs @ 250 °F	Moisture curing hot melt adhesive designed to provide high green strength and excellent adhesion to difficult paper stocks. It provides a fast cure rate and excellent lay flat.
TM-2580	Hot Melt Adhesive	6000 cPs @ 250 °F	Medium setting polyurethane reactive hot melt adhesive used for binding manuals and textbooks where excellent lay-flat properties are required.
TM-3365	Reactive Pre-polymer	1800 - 4200 cPs @ 250 °F	Provides good flexibility at high and low temperatures. The adhesive cures to its final bond strength within approximately 1-2 days. Good adhesion to PVC and Acetate-films.

(CONTINUED FROM P. 7)

Product	Type	Viscosity	Description
<b>HINGE ADHESIVES/SIDE GLUE</b>			
* TM 007A	Hot Melt Adhesive	850 cPs @ 350 °F	Hot melt lining, tight backing, tipping hinge adhesive
TM 1214	Hot Melt Adhesive	4500 cPs @ 300 °F	Very long open time hinge glue. Non PSA alternative.
TM-354B	Hot Melt Adhesive	800 cPs @ 350 °F	Non stringing semi PSA
<b>PADDING</b>			
AQ CG 9176	High Performance Formulated Emulsion	Approx. 2000 cPs	High quality, fast setting, water resistant, glued lap adhesive, especially where good retack is required.
<b>TIPPING APPLICATIONS</b>			
* TM 003A	Hot Melt Adhesive	6,900 cPs @ 300 °F	Tipping adhesive for temporary bond for paper to book cover.
H5077	Hot Melt Adhesive	4,700 cPs @ 250 °F	Water white clear medium tack low stain adhesive used for peeling applications.
H5231A	Hot Melt Adhesive	983 cPs @ 300 °F	Water white clear low tack low stain adhesive.
AJ 103-258	Hot Melt Adhesive	900-1300 cPs @ 300 °F	Economical clear medium tack adhesive.
* AJ 1430	Hot Melt Adhesive	950 cPs @ 350 °F	Very low viscosity, peelable, low to moderate tack removable pressure sensitive adhesive. Formulated to provide negligible bleeding or staining on most types of paper substrates.
AJ 1424	Hot Melt Adhesive	2150 cPs @ 350 °F	Removable fugitive, low tack, low viscosity and a low bleeding pressure sensitive adhesive. Specifically formulated to provide minimal bleeding or staining on most types of paper substrates.
AJ 1422	Hot Melt Adhesive	1400 cPs @ 350 °F	Nearly water white, peelable, very low tack removable pressure sensitive adhesive. Used for mailers, inserts and tipping. It is formulated to provide practically no bleeding or staining on most types of paper substrates.

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

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, re-moistening, lay-flat, re-moistening tack and humidity blocking resistance. Low VOC front seal gum. Improved adhesion to difficult stocks.
*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-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.
AQ-2041	Resin Re-moistening Adhesive	Approx. 8500 cPs	Tinted light blue-purple. Excellent gloss, excellent non-block and non-curl properties. Very fast re-wet tack and 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.
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.
* 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.
*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.
* TM-277 A	Hot Melt Adhesive	2000 cPs @ 300 °F	Fast setting product with excellent moisture activation for re-moistenable applications. May be used for front seal envelope applications.

\* INDICATES LEADING PRODUCT

(CONTINUED ON P. 10)

Product	Type	Viscosity	Description
<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-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>SIDE SEAM EXTRUSION</b>			
* 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 065A	Resin Seam Gum	Approx. 350 cPs	General purpose seam gum; Contains UV
AQ-ENV-4019	Envelope Window Patch Gum	Approx. 600 cPs	Performs well on conventional patching and HSP equipment. Very good gum box stability.
<b>SIDE SEAM ROTARY</b>			
* AQ 3547	Formulated Envelope Back Seam Gum	Approx. 1500 cPs	Very clean machining with excellent non-throw, adhesion, and labeling resistance.
AQ 3541	Formulated Envelope Back seam gum	Approx 1000 cPs	Good tack and machining on high speed applications.
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-4019	Envelope Window Patch Gum	Approx. 600 cPs	Performs well on conventional patching and HSP equipment. Very good gum box stability.

\* INDICATES LEADING PRODUCT



AJ's line of glued-lap adhesives are available for use in wheel, contact, and non-contact extrusion application equipment.

They offer excellent tack, fast speed of set, and high water resistance. They have also been designed for strong adherence to a wide variety of substrates, including corrugated coatings that are otherwise difficult to bond.

## GLUED LAP

Product	Type	Viscosity	Description
<b>CONTACT EXTRUSION</b>			
C 2200	High Performance Formulated Emulsion	1400 cPs	High quality, fast setting & high tack glued lap adhesive. Has a unique balance of high tack, fast set speed and long open time to hold together high memory boxes.
* C 2300	High Performance Formulated Emulsion	1650 mPa.s @ 22 °C	High quality, PVA, fast setting general purpose packaging adhesive used particularly for glued lap applications where good tack is required.
* C 2100	Formulated Resin Emulsion	Approx. 1600 cPs	Manufacturer's joint for case and carton forming, and single face laminating
* AQ-763A	High Performance Formulated Emulsion	Approx. 1500 cPs	High quality, fast setting, glued lap adhesives. Very Aggressive and excellent troubleshooter.
<b>PVA/EVA HYBRID</b>			
AQ-9176	High Performance Formulated Emulsion	Approx. 2000 cPs	High quality fast setting, water resistant, glued adhesive, especially where good "retack" is required. High viscosity.
<b>NON-CONTACT EXTRUSION</b>			
*EXTRUSION 3000	Formulated Resin Emulsion Adhesive	Approx. 300 cPs	Contains UV Indicator, general packaging applications involving high machine speeds and/or difficult substrates where a high quality, tacky, fast setting product is needed. Specifically, folding carton applications using non-contact extrusion systems.
AQ-9060	Formulated Polyvinyl Emulsion Adhesive	Approx. 700 cPs	General packaging applications involving high machine speeds and/or difficult substrates where a high quality, tacky, very fast setting product is needed. Specifically, folding carton applications using non-contact extrusion systems.

\* INDICATES LEADING PRODUCT



AJ's line of folding carton adhesives provide the customer with exceptional reliability and high performance for any folding carton line.

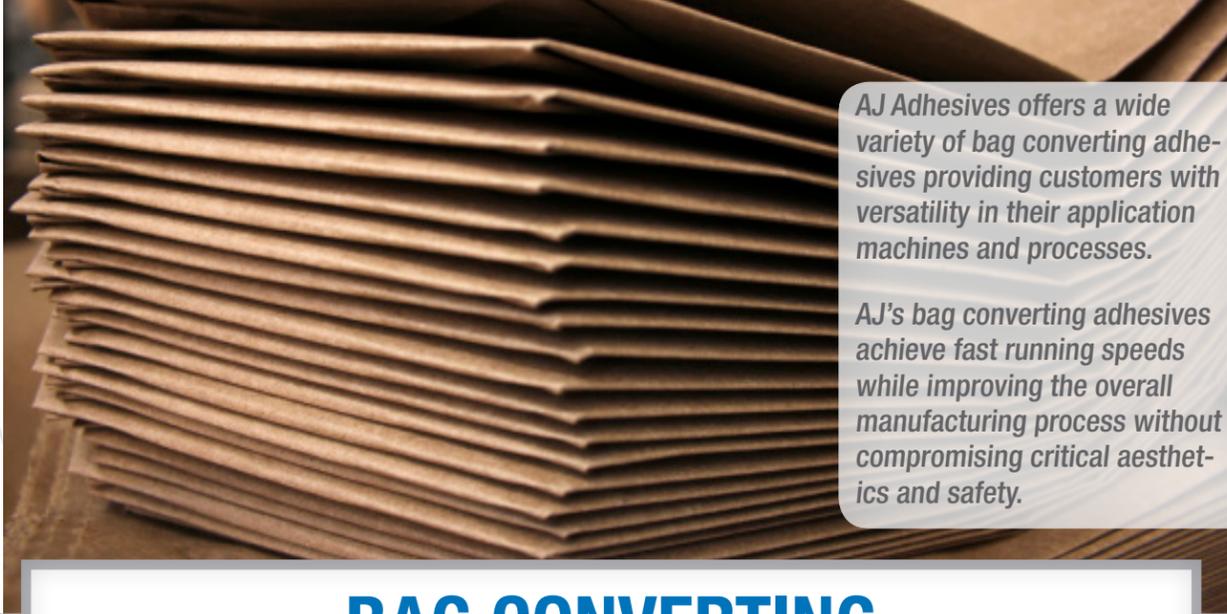
AJ's folding carton products deliver high wet-tack and fast set speed optimizing any manufacturing process. The quality of end-use is dependent upon the influence of the adhesive in its interaction with the substrate and AJ's products ensure reliable bonds on all surfaces.

## FOLDING CARTON

Product	Type	Viscosity	Description
<b>LIQUID NON-CONTACT EXTRUSION APPLICATION</b>			
* EXT 3000	Formulated Resin Emulsion Adhesive	Approx. 300 cPs	Contains UV Indicator, general packaging applications involving high machine speeds and/or difficult substrates where a high quality, tacky, fast setting product is needed. Specifically, folding carton applications using non-contact extrusion systems.
AQ-7007 UV	Resin Emulsion	400 cPs @ 76 °F	Low viscosity adhesive utilized for folding carton, case sealing and other paper to paper applications. Good balance of wet tack, speed of set and ultimate adhesion.
AQ-9080	Formulated Copolymer Emulsion Adhesive	Approx. 650 cPs	High quality, tacky, very fast setting product is needed. Used for folding carton applications using non-contact extrusion systems. Excellent adhesion to poorly treated polyethylene.
* AQ-9192	Formulated Emulsion	Approx. 750 cPs	High quality, medium-fast setting carton seal adhesive, for use on coated stocks.
<b>LIQUID - WHEEL/BOTTOM POT APPLICATIONS</b>			
L4300	Formulated Polyvinyl Resin Emulsion	Approx. 2500 cPs	Envelope back seam gum for hard to adhere surfaces such as DuPont Tyvek.
AQ-0999T	Aqueous	Approx. 2000 cPs	Gives strong bonds to many coated stocks, including poly-coated SBS. Exhibits good initial wet tack and machines well on wheel and stencil applicators.
AQ-980A	High Performance Formulated Emulsion	Approx. 8500 cPs	High quality, very fast setting carton seal adhesive for use on difficult to adhere coated stocks. Compatible with UV detection systems.
AQ 9187	High Performance Formulated Emulsion	Approx. 8500 cPs	Adhering lightly treated polyethylene and polypropylene film to paper or board for various laminating applications.

\* INDICATES LEADING PRODUCT

(CONTINUED ON P. 13)



AJ Adhesives offers a wide variety of bag converting adhesives providing customers with versatility in their application machines and processes.

AJ's bag converting adhesives achieve fast running speeds while improving the overall manufacturing process without compromising critical aesthetics and safety.

(CONTINUED FROM P. 13)

## BAG CONVERTING

Product	Type	Viscosity	Description
<b>LIQUID - SEAMING</b>			
AQ-1200	Borated Dextrin Adhesives	Approx. 600 cPs	General packaging adhesive. Good for spray application and hand sealing.
AQ-1310	Formulated Polyvinyl Emulsion	Approx. 6000 cPs	General purpose when easy clean-up, good spread-ability, and strong wet tack are desired. Useful when consumer requires dilutable resin.
<b>LIQUID - SEAM/SPOT</b>			
L4300 Corruating	Formulated Polyvinyl Resin Emulsion	Approx. 2500 cPs	Envelope back seam gum for hard to adhere surfaces such as DuPont Tyvek. Provides versatile adhesion.
AQ-0271	Formulated Resin Emulsion	Approx. 2200 cPs	Used in general packaging applications - particularly where adhesion to difficult surfaces is required. Also suitable as high quality resin additive.
<b>LIQUID - BOTTOMING</b>			
AQ-0299	Starch Paste	Approx. 125000 cPs	Short, soft paste with slight flow, slow set and moderate tack. For RFU paper single ply, flow-able.
AQ-0261	Starch Paste	Approx.	Bag bottom paste.
AQ-9191	Formulated Resin Emulsion	Approx. 105000 cPs	Bag bottom/handle attachment.
AQ-1556	Formulated Polyvinyl Resin Emulsion	Approx. 2500 cPs	Envelope back seam gum for hard to adhere surfaces such as DuPont Tyvek. Provides versatile adhesion.
AQ-4110	Water Based Pressure Sensitive Emulsion	Approx. 2400 cPs	Very viscosity stable. Excellent coating characteristics. Dry film is pressure sensitive.
<b>LIQUID - FILM LAMINATION</b>			
77-34AL	Formulated Copolymer Emulsion	Approx. 3000 cPs	Adheres lightly treated polyethylene and polypropylene film to paper or board for various laminating applications.
33-608A	High Performance Formulated Copolymer Emulsion	Approx. 900 cPs	Provides adhesion of polyfilms to paper or board for various bag laminating applications.

<b>BAGS, HOT MELTS</b>			
TM PA 3412	Pinch Bottom	Approx 4500 cps @ 375 °F	General-Purpose PAHM, flexible, better cold/freezer versus 34-3402™
TM 2787	Seaming	Approx. 3750 cps @ 350 °F	General-Purpose Recommended for poly seaming for bread bags; good on PE and Valeron™; rubber-based.
TM 246A	Seaming	Approx. 1100 cps @ 350 °F	Lead Product Good on PET/PET small bag seal similar to 34-2787™ but low viscosity does not bond well to OPP.

AJ Adhesives supports an extensive line of flexo-litho laminating adhesives providing customers with a wide selection of adhesives for paper and carton laminates.

AJ's line of laminating adhesives offer high setting speed, good lay-flat ability, low splashing, constant viscosity, long open time, easy cleaning, and excellent water proofing.

## FLEXO-LITHO LAMINATING

Product	Type	Viscosity	Description
<b>GENERAL PURPOSE LAMINATING APPLICATIONS</b>			
L 3000	Formulated Emulsion	Approx. 1200 cPs	Paper and board laminating adhesive, best used for single face and solid board laminating to litho or similar printed labels.
L 5100	Dextrin	2000 cPs	Lay flat laminating we're good machining, good adhesion and excellent lay flat are needed.
* L 3500	Formulated Hybrid Adhesive	1000 cPs	High quality paper laminating adhesive where hold out and superior foam stability are needed. Designed for Automatan and similar laminating equipment.
* AQ 5023M	Dextrin	2800 cPs @ 76 °F	Lay flat laminating adhesive where good machining, good adhesion and excellent lay flat are required.
<b>LITHO LABELING</b>			
L 1000	Extended Resin Adhesive	2800 cPs	Tube-winding
L 3000	Formulated Emulsion	Approx. 1200 cPs	Paper and board laminating adhesive, best used for single face and solid board laminating to litho or similar printed labels.
AQ-1019	Dextrin Adhesive	Approx. 1750 cPs	Lay-flat laminating where good machining, high tack, good adhesion and excellent lay-flat are needed.
AQ-6367 HUV	Polyvinyl Dispersion	1500 cPs @ 76 °F	Used for mounting printed labels onto corrugated board or chipboard in the manufacture of shipping cases and cartons. Very fast setting resin-type adhesive.
AQ-724A	High Performance Formulated Emulsion	Approx. 1200 cPs	High quality, fast setting, laminating adhesive designed for single-face and solid board laminating. Good for Asitrade, Stock, and others.

\* INDICATES LEADING PRODUCT

(CONTINUED ON P. 16)

<b>SINGLE FACERS/ASITRADE</b>			
AQ-724A	High Performance Formulated Emulsion	Approx. 1200 cPs	High quality, fast setting, laminating adhesive designed for single-face and solid board laminating. Good for Asitrade, Stock, and others.
AQ-0276	Formulated Resin Emulsion	Approx. 2200 cPs	Used for general packaging applications, particularly where adhesion to difficult surfaces is required. Also suitable as high quality resin adhesive.
AQ-150A	Formulated Resin Emulsion	Approx. 2000 cPs	General purpose laminating adhesive where hold out and superior foam stability is needed. Good for Asitrade, Stock, and others. Contains UV indicator.
<b>BULK-BOX/HONEYCOMB</b>			
AQ-724A	High Performance Formulated Emulsion	Approx. 1200 cPs	High quality, fast setting, laminating adhesive designed for single-face and solid board laminating. Good for Asitrade, Stock, and others.
C2100	Formulated Resin Emulsion	1600 cPs	Manufacturer's joint for case and carton forming, singleface laminating.
C2300	High Performance Formulated Emulsion	1650 cPs	High quality, water resistant, fast setting general purpose packaging adhesive used particularly for glued lap applications where good "retack" is required.
<b>SOLID FIBER/ARTIST BOARD</b>			
AQ-724A	High Performance Formulated Emulsion	Approx. 1200 cPs	High quality, fast setting, laminating adhesive designed for single-face and solid board laminating. Good for Asitrade, Stock, and others.
AQ-208A	Formulated Emulsion Adhesive	Approx. 1500 cPs	Lay flat laminating adhesive.
AQ-575A	Formulated Resin Emulsion	Approx. 2000 cPs	Nip roller type application for paper and board laminating adhesive.

\* INDICATES LEADING PRODUCT

AJ's line of tube and core winding adhesives provide superior dimensional stability, core rigidity, and high crush values to paper tube and core manufacturers.

They can be used for both spiral and convolute winding, and will meet the adhesion requirements for most tube and core winding applications.

## TUBE WINDING

Product	Type	Viscosity	Description
<b>RESIN</b>			
LAM 1000	Extended Resin	Approx. 2600-3000 cPs	Tube winding general purpose tube winding adhesive.
T1200	Formulated Polyvinyl Emulsion	Approx. 570 cPs	Tube winding adhesive when easy clean-up, good spray-ability, and strong wet tack are desired.
T1300	Formulated Emulsion	Approx. 1800 cPs	Features high wet tack, cleaner machining and easy spreading allowing very low application rates.
AQ-1293	Formulated Polyvinyl Emulsion	Approx. 2000 cPs	Tube winding adhesive. General purpose when easy clean-up, good spray-ability, and strong wet tack are required. Good tack, dilutable, low cost, and easy clean.
AQ-1294	Formulated Resin Emulsion	Approx. 570 cPs	Tube winding adhesive. General purpose when easy clean-up, good spray-ability, and strong wet tack are required. Good tack, dilutable, low cost, and easy clean.
32-1301	Hot Melt Adhesive	Approx. 1400 cPs	Tube winding adhesive. General purpose when easy clean-up, good spray-ability, and strong wet tack are required. Extended resin, improved machining for higher speed bag seam lines.
AQ-1357	Resin Adhesive	Approx. 2900 cPs	High performance, high speed winding, high adhesion, and aggressive.
AQ-1310	Formulated Polyvinyl Emulsion	Approx. 6000 cPs	Tube winding, case and carton sealing adhesive. General purpose when easy clean-up, good spread-ability, and strong wet tack are required. Useful when customers require a dilutable resin.
<b>DEXTRIN</b>			
AQ-1537	Borated Dextrin	Approx. 6500 cPs	Dextrin based product for spot seam for small bags, high tack for center or side seaming.

\* INDICATES LEADING PRODUCT



AJ Adhesives supports an extensive line of superior quality assembly adhesives providing superior dimensional stability formulated to meet the demands of a variety of woodworking operations.

AJ's line of general assembly adhesives offer varying degrees of open time, cure time and viscosity to match specific application requirements.

## GENERAL ASSEMBLY

Product	Type	Viscosity	Description
<b>WOOD ADHESIVE</b>			
Assembly High Tack	Polyvinyl Acetate Emulsion	3000-4500 cPs @ 83 °F	Very fast setting for short clamp times. High solvent-resistance and good sand-ability.
Assembly 8	Polyvinyl Acetate Emulsion	1300-2000 cPs	Low viscosity, fast setting wood adhesive. Allows for short clamp time. Designed for automatic doweling, dovetail and general assembly applications.
Assembly 65	Polyvinyl Acetate Emulsion	3000 - 4200 cPs	Extremely fast setting, versatile and is widely used for assembly applications such as cabinets.
Multibond 2000	Cross-linking Polyvi-nyl Acetate Emulsion	3000-4300 cPs @ 70 °F	Very fast setting rate, viscosity stability and percent solids. Shelf stable, one component adhesive.
Titebond 50	Aliphatic Resin Emulsion	3000-4500 cPs @ 70 °F	Fast setting, aliphatic resin emulsion adhesive. Excellent creep and heat resistance, superior solvent-resistance, very low minimum use temperature, and excellent bond strength.

AJ Adhesives supports an extensive line finger joint adhesives, each designed for a particular end-use requirement.

AJ's line of finger joint adhesives offer water resistant bonds, excellent catalyzed pot life and are capable of being run on radio frequency applications.

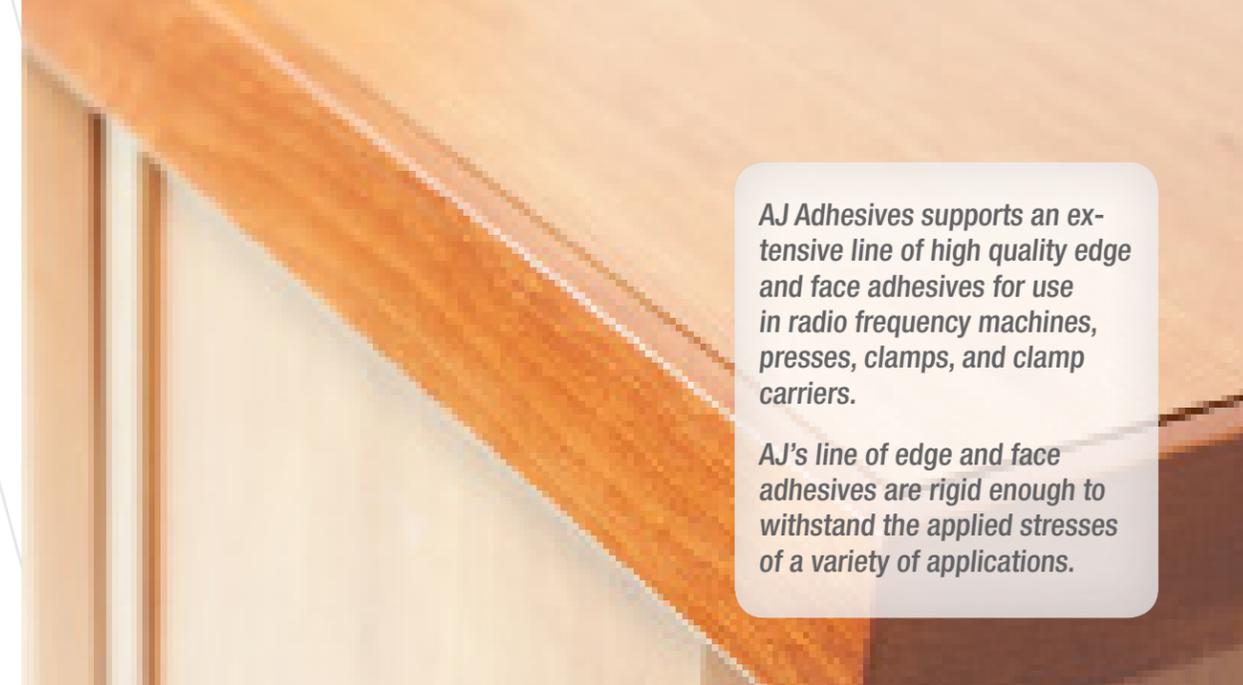


## FINGER JOINTING

Product	Type	Viscosity	Description
Advantage 160	Cross-linking Polyvinyl Acetate Emulsion	1700-5300 cPs @ 83 °F	Highly water resistant. Good catalyzed pot life and ideal for finger jointing, edge gluing, radio frequency applications and hot pressing.
Multibond EZ-2	Cross-linking Polyvinyl Acetate Emulsion	2500-4000 cPs @ 83 °F	One part cross-linking polyvinyl acetate emulsion adhesive developed with a low minimum use temperature for use in a wide variety of plant conditions.

\* INDICATES LEADING PRODUCT





AJ Adhesives supports an extensive line of high quality edge and face adhesives for use in radio frequency machines, presses, clamps, and clamp carriers.

AJ's line of edge and face adhesives are rigid enough to withstand the applied stresses of a variety of applications.

## EDGE & FACE GLUING

Product	Type	Viscosity	Description
<b>WOOD ADHESIVE</b>			
Advantage 440 DEV	Cross-linking Polyvinyl Acetate Emulsion	2000-4300 cPs @ 83 °F	Two part cross-linking adhesive developed with low VOC's present. High performance adhesive for millwork applications. High water resistance
Assembly High Tack	Polyvinyl Acetate Emulsion	3000-4500 cPs @ 83 °F	Very fast setting for short clamp times. High solvent-resistance and good sand-ability.
Multibond 2000	Cross-linking Polyvinyl Acetate Emulsion	3000-4300 cPs	Shelf stable, very fast setting rate, viscosity stability, and high performance solids. Type II water resistant bond.
Titebond 50	Aliphatic Resin Emulsion	3000 - 4500 cPs	Fast setting, excellent creep and heat resistance, superior solvent resistance, very low minimum use temperature, and excellent bond strength.
Multibond SK-8	Cross-linking Polyvinyl Acetate Emulsion	1900-8000 cPs @ 77 °F	Highly water resistant adhesive formulated for the manufacture of skateboards in cold press operations. Unique polymer forms a strong glue line that gives skateboards firmness and responsiveness.
Woodbond 75	Polyvinyl Acetate Emulsion	2800-4600 cPs	Good heat, solvent resistance and doesn't load sander belts. Low chalk level as well.
Advantage 415	Cross-linking Polyvinyl Acetate Emulsion	2000-3700 cPs	Highly water resistant two-part adhesive that surpasses both the ASTM D-5572 wet-use finger joint and ASTM D-5751 wet-use edge glue standards.

\* INDICATES LEADING PRODUCT



AJ Adhesives supports an extensive line of wood laminating adhesives that provide increased open times, fast set times, and easy clean up.

AJ's line of wood laminating adhesives cover a variety of laminating applications including; panel-on-frame, veneer/solid core, and high pressure laminating.

## HOT & COLD PRESS LAMINATING

Product	Type	Viscosity	Description
<b>GENERAL PURPOSE APPLICATIONS</b>			
Doorbond 200	Cross-linking Polyvinyl Acetate Emulsion	5700-8500 cPs @ 83 °F	Fast setting, one component flush door adhesive. Produces a water and heat resistant bond on various rail, stile and skin substrates.
Laminating 6W	Polyvinyl Acetate Emulsion	3800-5500 cPs @ 83 °F	Moderately slow-setting adhesive for cold pressing veneers to a variety of core materials. Formulated to reduce the risk of bleed through on porous veneers.
Multibond SK-8	Cross-linking Polyvinyl Acetate Emulsion	1900-8000 cPs @ 77 °F	Highly water resistant adhesive formulated for the manufacture of skateboards in cold press operations. Unique polymer forms a strong glue line that gives skateboards firmness and responsiveness.
Multibond 2000	Cross-linking Polyvinyl Acetate Emulsion	3000-4300 cPs	Shelf stable, very fast setting rate, viscosity stability, and high performance solids. Type II water resistant bond.
Multibond 2015	Cross-linking Polyvinyl Acetate Emulsion	3000-4300 cPs @ 83 °F	Developed for a wide range of laminating. Highly water resistant and offers additional protection from bleed-through on veneers.
Laminating 25	Polyvinyl Acetate Emulsion	3900-5300 cPs	Moderately fast-setting adhesive for cold pressing HPL to a variety of core materials
Titebond Quickset 2000	Vinyl Acetate Ethylene Copolymer Emulsion	3000 - 6550 cPs	Water based adhesive designed to bond HPL to particleboard and fiberboard. Fast setting adhesive that is suitable for post forming applications when it is sprayed or applied in-line with a post-former and immediately processed.

\* INDICATES LEADING PRODUCT

AJ Adhesives' selection of industrial canister pressurized spray adhesive system is responding to the needs and desires of adhesive users worldwide.

AJ's aerosol adhesives have been engineered to bond a variety of substrates with temporary or permanent bonds. They also feature excellent green strength and water resistance.

## INDUSTRIAL CANISTER & AEROSOL ADHESIVES

Product	Type	Description
P302	Canister Adhesive Quin Global	TensorGrip P302 is designed to be a versatile, safe and reliable adhesive. With superior strength, yet an eversoft bondline, it's the perfect match for foam, insulation, laminate and more.
P307	Canister Adhesive Quin Global	TensorGrip- Multi-purpose contact adhesive that effectively bonds a vast range of substrates while maintaining compliance with stringent California VOC requirements (SCAQMD Rule 1168). TensorGrip P307 is aggressive and versatile, lending itself to bonding flexible and porous materials with ease.
P321	Canister Adhesive Quin Global	high performance contact adhesive that will not attack polystyrene used for laminating polystyrene foam to itself and other materials.
P322	Canister Adhesive Quin Global	an aggressive and fast-drying pressure sensitive adhesive designed to bond to a vast range of substrates and maintain tackiness.
Product	Type	Description
313B	Fast Tack Upholstery Adhesive	Formulated for use in the foam and fabric trade for quick, tack, strong bond and a soft glue line. Works well to affix urethane foam, fabric and paper to themselves or to metal, wood, etc.
323B	Foam and Fabric Adhesive	Formulated for use in the foam and fabric trade for a quick tack, strong bond and a soft glue line. Works well to affix urethane foam, fabric and paper to themselves, or to metal, wood, etc. May be used on supported vinyls.
373	High Performance Adhesive	Formulated to exhibit fast, aggressive tack with low soak-in for long lasting bonds, on such substrates as foam, cloth, felt, cardboard, and paper. Excellent for a variety of jobs.
AJ 780B	Contact Cement & Trim Adhesive	Sprayable or brushable elastomeric contact adhesive formulated for adhering supported vinyl to coated finishes and laminates wood, metal, etc. Strength continues to increase for weeks.
300	General Purpose Spray Adhesive	Formulated to bond paper, cardboard, fabric, leather, foil, fiberglass to metal, wood, and a variety of other substrates. Useful in screen print, pool table, and sewing. Offers quick tack.
365	Hi-Bond Strength Spray Adhesive	Formulated to bond dissimilar substrates subjected to occasional thermal stress. 365 is both fast to tack and fast to develop green strength.
393	Trim & Laminating Adhesive	Formulated to bond substrates that require either high bond strength and/or need elevated temperature resistance. Exhibits green strength and water resistance.
363B	High Strength Fast Tack Adhesive	Formulated to bond paper, cardboard, fabric, leather, foil, fiberglass to metal, wood and a variety of other substrates. Designed for applications by low-pressure spray equipment.
L-8695B	Foam and Fabric Adhesive	Offers quick tack, strong bond and a soft glue line. Works well to affix urethane foam, fabric and paper to themselves, or to metal, wood, etc.

\* INDICATES LEADING PRODUCT



AJ's line of hot melt glue sticks have been formulated for use in almost any application, on any material.

They offer fast or slow set with a wide temperature application range. Additionally, they offer good heat and cold resistance, and ice resistance on most applications.

## HOT MELT GLUE STICKS

Product	Description
ST11	Formulated as a clear drying, general purpose hot melt. Suggested for uses with wood, corrugated, and some plastics.
ST39	Formulated as a fast setting hot melt glue stick, which has good heat and cold resistance. Used for application with paper and corrugated.
ST51	Formulated as a light amber colored, general purpose hot melt. Suggested uses include case & carton seal and general purpose packaging applications.
ST74	Dual temperature, medium to slow setting hot melt glue stick, which offers good cold resistance. May be used for freezer applications.
ST155	Clear drying, general purpose hot melt. Used with wood, corrugated, upholstery, and some plastics.
ST247	Developed to adhere difficult to bond substrates including plastics, cellulose, wood, and many other dissimilar substrates. Excellent flexibility.
* ST170	Light amber colored, medium setting hot melt glue stick with aggressive tack.
ST16	Transparent, clear drying, general purpose hot melt adhesive.
ST213	Opaque, white colored, slow to medium setting hot melt glue stick.
ST19	Frosty, white clear, drying general purpose low temperature hot melt.
ST220	Translucent, white colored, medium setting hot melt glue stick. Bonds multiple substrates including plastic, wood, paper, metal, and upholstery.
Versatac	Amorphous hot melt adhesive developed for difficult to bond substrates with high performance requirements. Remains tough in elevated temperatures with good low temperature flexibility.

\* INDICATES LEADING PRODUCT

Product	Description
<b>HOT MELT GLUE GUNS</b>	
GG 220 1/2 inch	120 volt/200 Watt; Lightweight ergonomic long trigger for easy grip. High temp 380 degrees
GG 300 1/2 inch	120 volt/300 Watt; Adjustable heat (248-425 degrees). Heavy duty, Excellent for high delivery rate applications

AJ Adhesives offers a complete line of engineered structural adhesives consisting of no mix structurals, UV curables, one and two part epoxies, and two-part methacrylates.

These products can be used in a diverse range of assembly applications including bonding, sealing, coating, tacking, potting and encapsulating.



## CYANOACRYLATES

Product	Strength	Viscosity	Cure Speed	Temperature	Description
<b>RP SERIES - RUBBER &amp; PLASTIC BONDING</b>					
RP-5	2700/4300	5 cPs	< 5 Sec/8 Hrs.	-65 ° to +200 °F	General purpose instant adhesives ideal for rubber and plastic bonding. Versatile product line offering a complete range of viscosities and cure times.
RP-100	2700/4300	100 cPs	< 8 Sec/8 Hrs	-65 ° to +200 °F	
RP-1000	2700/4300	1000 cPs	< 15 Sec/8 Hrs.	-65 ° to +200 °F	
RP-2000	2700/4300	2000 cPs	< 15 Sec/8 Hrs.	-65 ° to +200 °F	
<b>SI SERIES - SURFACE INSENSITIVE</b>					
SI-120	2800/4200	120 cPs	< 8 Sec/8 Hrs	-65 ° to +200 °F	Used in applications that require exceptionally fast cure speeds, difficult to bond surfaces, and acidic surfaces.
SI-500	2800/4200	500 cPs	< 8 Sec/8 Hrs	-65 ° to +200 °F	
SI-1000	2800/4200	1000 cPs	< 8 Sec/8 Hrs	-65 ° to +200 °F	
SI-3200	2800/4200	3200 cPs	< 10 Sec/8 Hrs	-65 ° to +200 °F	
<b>FS SERIES - FAST SETTING</b>					
FS-30	2700/4200	30 cPs	< 2.5 Sec/4Hrs.	-65 ° to +200 °F	Used where low moisture conditions exist and/or exceptionally fast fixture times are desired. Bonds to a wide range of materials.
FS-500	2700/4200	500 cPs	< 5 Sec/4 Hrs.	-65 ° to +200 °F	
FS-1000	2700/4200	1000 cPs	< 7.5 Sec/4 Hrs.	-65 ° to +200 °F	
FS-2000	2700/4200	2000 cPs	< 7.5 Sec/4 Hrs.	-65 ° to +200 °F	
FS-4000	2700/4200	4000 cPs	< 7.5 Sec/4 Hrs.	-65 ° to +200 °F	
<b>TS SERIES - CLEAR, TOUGHENED INSTANT ADHESIVES</b>					
TS-300	3750	300 cPs	< 10 sec/8 Hrs.	-65 ° to +250 °F	Excellent impact resistance and thermo-cycling properties. Ideal for bonding dissimilar materials on a wide range of surfaces.
TS-800	3750	1000 cPs	< 15 sec/8 Hrs.	-65 ° to +250 °F	
TS-2400	3750	4000 cPs	< 18 Sec/8 Hrs.	-65 ° to +250 °F	
TS-4000	3750	10000 cPs	< 20 Sec/8 Hrs.	-65 ° to +250 °F	

(CONTINUED FROM P. 29)

Product	Strength	Viscosity	Cure Speed	Temperature	Description
<b>HT SERIES - HIGH TEMPERATURE CYANOACRYLATES</b>					
HT-5	2700/4200	5 cPs	< 7 Sec/8 Hrs.	-60 ° to +275 °F	Excellent high end temperature resistance. Ideal for applications that have a high degree of temperature cycling and/or extended operation at elevated temperatures.
HT-100	2700/4200	100 cPs	< 14 Sec/8 Hrs.	-60 ° to +275 °F	
HT-500	2700/4200	500 cPs	< 14 Sec/8 Hrs.	-60 ° to +275 °F	
HT-1000	2700/4200	1000 cPs	< 18 Sec/8 Hrs.	-60 ° to +275 °F	
HT-1500	2700/4200	1500 cPs	< 18 Sec/8 Hrs.	-60 ° to +275 °F	
HT-4000	2700/4200	4000 cPs	< 20 Sec/8 Hrs.	-60 ° to +275 °F	
<b>MG SERIES - MEDICAL GRADE INSTANT ADHESIVES</b>					
MG-5	2700/4300	5 cPs	< 5 Sec/8 Hrs.	-65 ° to +200 °F	Medical grade instant adhesives. These products have USP Class VI Certification and are used in assembling medical devices.
MG-100	2700/4300	100 cPs	< 10 Sec/8 Hrs.	-65 ° to +200 °F	
MG-500	2700/4300	500 cPs	< 10 Sec/8 Hrs.	-65 ° to +200 °F	
MG-1000	2700/4300	1000 cPs	< 15 Sec/8 Hrs.	-65 ° to +200 °F	
MG-2400	2700/4300	2400 cPs	< 15 Sec/8 Hrs.	-65 ° to +200 °F	
MG-4000	2700/4300	4000 cPs	< 15 Sec/8 Hrs.	-65 ° to +200 °F	

AJ's cyanoacrylates have been engineered to achieve structural bonds with excellent results on difficult to bond substrates. Additionally they possess exceptional bond strength, with excellent aging and weathering characteristics.

(CONTINUED ON P. 24)

\* INDICATES LEADING PRODUCT

\* INDICATES LEADING PRODUCT

AJ Adhesives offers a complete line of engineered structural methacrylates offering a wide range of versatility in meeting your application requirements.

AJ's methacrylates have been engineered to provide a unique balance of tensile, shear, and peel strength, they assure maximum performance in assemblies that see stress, shock, and impact.



(CONTINUED FROM P. 31)

Product	Viscosity	Temperature	Description
<b>METHACRYLATES</b>			
MP-55305	Non-Sag	-55 °F to 225 °F	High impact resistance for metals and plastics. Tough, flexible adhesive with a fast cure time for high speed assembly.
MP-55310	120,000 cPs	-55 °F to 225 °F	Excellent metal bonder with good results on plastics as well. Medium cure speed for part positioning and adjustment.
MP-55330	Non-Sag	-55 °F to 225 °F	High impact, maximum flexibility and elongation. High tensile shear strength. Fast cure speed.
MP-55420	Non-Sag	-55 °F to 225 °F	High performance bonding, metal, aluminum, composite materials, FRP, wide range of plastics. Tough durable bonds with excellent aging and weathering properties.

## EPOXIES

Product	Strength	Viscosity	Temperature	Description
<b>MP 5300 SERIES - MAXIMUM PERFORMANCE UV CURABLES</b>				
MP-53301	4000 psi	200 cPs	-60 ° to +350 °F	Ideal for tight fitting plastic components, PVC tubing, polycarbonate. Creates flexible joint when cured.
<b>MP 5400 SERIES - MAXIMUM PERFORMANCE EPOXIES</b>				
MP-5405	2000-4000 psi	12,500 cPs	-60 ° to +250 °F	General purpose fast setting, 5 minute work life epoxy. Forms a rigid bond, machinable, clear, flow-able, low odor material.
MP-54110	2000-4000 psi	45,000 cPs	-60 ° to +250 °F	Fast curing, flexible, excellent weather resistance, bonds well to glass, metal, and plastic. Resist fuel and solvent environments, with good impact resistance.
MP-54125	2000-4000 psi	48,000 cPs	-60 ° to +250 °F	Good peel strength, higher temp resistance, medium open time for part adjustment and alignment.
MP-54190	3300-4000 psi	15,000 cPs	-60 ° to +250 °F	Long work life, with good peel strength. Maximum adjustment and positioning time.
MP-54270	1800-3000 psi	20,000 cPs	-60 ° to +250 °F	Potting compound for electronic applications. Non corrosive material, with good work life.
MP-54460	4000-5000 psi	40,000 cPs	-60 ° to +250 °F	High performance epoxy, high peel and shear strength. Longer work life.
MP-5400	6400 psi	Paste	-40 °F to +400 °F	One part, heat cure, non-sag, structural adhesive. Ideal for bonding magnets, steel, aluminum, glass, some plastics, etc.
MP-5401	6770 psi	Paste	-40 °F to +400 °F	One part, heat cure, forms a tough, durable bond. Excellent high performance at elevated temperatures and superior sag control.

AJ's methacrylates possess excellent resistance to solvents, salt, humidity, acids, and caustics, with outstanding temperature cycling capability.

AJ Adhesives offers a complete line of anaerobic adhesives/sealants capable for thread-locking, threadsealing, retaining, and gasketing applications.

AJ's anaerobics are available in different strengths, cure times, and viscosities to meet any specific application requirements.



## ANAEROBICS

Product	Viscosity	Temperature	Description
<b>THREAD LOCKERS</b>			
TORQUE 22 TL	1200 cPs MT	-60 °F to 350 °F	Low strength thread-locking. Ideal for small screws, 1/4" and smaller. Controlled lubricity for accurate clamp loading. Easy disassembly.
TORQUE 42 TL	1200 cPs MT	-60 °F to 350 °F	General purpose, medium strength, removable. Ideal for fasteners 3/4" or smaller. Controlled lubricity, for accurate clamp loading.
TORQUE 62 TL	3500 cPs MT	-60 °F to 350 °F	High strength, permanent thread-locking. High lubricity for easy assembly. Rapid handling strength, excellent resistance to extreme chemical and environmental conditions.
TORQUE 72 TL	9000 cPs MT	-60 °F to 450 °F	High strength, permanent thread-locking. Excellent high temperature properties 450° F.
TORQUE 90 TL	12 cPs LT	-60 °F to 350 °F	High strength, wicking grade. Ideal for post application to preassembled fasteners. Penetrates threads by capillary action. Secures screws, bolts, seals welds, porous metal parts
<b>THREAD SEALERS</b>			
TORQUE 154	2,500 cPs	-60 °F to 350 °F	Refrigerant sealant. Excellent solvent resistance. For pipes up to 3" in diameter. Packaged in: 50 mil bottle, 250 mil bottle, and 1 liter container.

\* INDICATES LEADING PRODUCT

(CONTINUED ON P. 28)

(CONTINUED FROM P. 33)

Product	Viscosity	Temperature	Description
<b>THREADSEALERS (CONT'D)</b>			
TORQUE 171	40,000 cPs	-60 °F to 350 °F	High viscosity, fast fixturing sealant. Controlled strength for ease of disassembly. Packaged in: 50 mil tube, 250 mil tube, 1 liter container, 75 mil accordion, and 125 mil accordion.
TORQUE 172	750 cPs	-60 °F to 350 °F	Low strength sealant for small threads and pneumatic fittings. Packaged in: 50 mil bottle, 250 mil bottle, and 1 liter container.
TORQUE 174	3,500 cPs	-60 °F to 350 °F	Hydraulic sealant, high viscosity, thixotropic. Ideal for larger tolerances. Medium strength. Packaged in: 50 mil bottle, 250 mil bottle, and 1 liter container
TORQUE 175	4,000 cPs	-60 °F to 350 °F	Medium strength, flexible sealant. Ideal for steam systems, dissimilar parts, and thermo-cycling applications. Replaces soldering copper fittings. Packaged in: 50 mil bottle, 250 mil bottle, 1 liter container.
TORQUE 177	90,000 cPs	-60 °F to 350 °F	Fast curing PTFE pipe sealant for gas and liquids. Highly thixotropic. Packaged in: 50 mil tube, 250 mil tube, 1 liter container, 75 mil accordion, and 125 mil accordion.
TORQUE 181	3,500 cPs	-60 °F to 450 °F	Fast curing, high strength, high temperature thread sealant, for larger tolerances. Packaged in: 50 mil bottle, 250 mil bottle, and 1 liter container.
TORQUE 193	475,000 cPs	-60 °F to 450 °F	Excellent for stainless steel. Good temperature resistance. Easy disassembly. Packaged in: 50 mil tube, 250 mil tube, 1 liter container, 75 mil accordion, and 125 mil accordion.
<b>RETAINING COMPOUNDS</b>			
TORQUE 03 RC	125 cPs	-65 °F to 350 °F	Excellent for oily surfaces and other contamination. Prevents corrosion, provides strength up to 3,800 psi, temperature resistance to 350° F
TORQUE 09 RC	125 cPs	-65 °F to 350 °F	General purpose, low viscosity retaining compound. Fixtures in under 10 minutes, providing shear strength up to 3,800 psi, works well on similar and dissimilar metals. Temperature resistance to 350° F
TORQUE 20 RC	8500 cPs	-65 °F to 450 °F	High strength, high temperature retaining compound. Shear strength up to 4,000 psi, radial clearance up to .015". Fixtures in under 15 minutes.
TORQUE 35 RC	2000 cPs	-65 °F to 350 °F	Medium viscosity, ideal for slip fitted parts. Fixtures in 10 minutes, shear strength up to 4,200 psi, temperature up to 350° F.

AJ's anaerobics form a tough, durable material, capable of withstanding high impact with excellent resistance to extreme environmental conditions.

\* INDICATES LEADING PRODUCT

AJ Adhesives distributes a versatile line of construction adhesives and sealants capable of meeting the needs of the most demanding applications.

AJ's line offers a wide variety of products, from state-of-the-art adhesives and industrial sealants to anti-seize compounds. They are engineered to perform to the highest levels, no matter what the application.



## SEALANTS & ADHESIVES

Product	Type	Temperatures	Description
<b>SPECIALTY SEALANTS</b>			
100	Self Leveling Sealant	100,000 cPs	Suited for use in horizontal sealing of expansion joints in concrete floors, decks, and construction. Can be used where flexibility as well as abrasion resistance are required.
125	Construction Sealant	35 °F - 140 °F	Offers outstanding primerless adhesion to most common building materials including vinyl, aluminum, steel, concrete, wood and glass. Can be applied and tooled under most weather conditions.
150	Industrial/Mechanical Sealant	35 °F - 140 °F	Demonstrates tenacious adhesion to most substrates while maintaining elasticity. Can be used as an adhesive to bond similar/dissimilar materials and can be used as a sealant in dynamic or static joints or seams.
175	Adhesive Sealant	35 °F - 140 °F	Multi-purpose adhesive/sealant offering outstanding adhesion to most common building materials including vinyl, aluminum, steel, etc.
<b>FIRESTOP PRODUCTS</b>			
136	Fireblock/Drafts-top Sealant	40 °F - 110 °F	Single component noncombustible filler caulking used for fireblocking applications in the annular space around wires, pipes, ducts, vents, cable lines and other penetrations to the building envelope.
350	Flame Retardant Duct Sealant	40 °F - 110 °F	Flame retardant duct sealant designed for use in high, medium or low velocity heating and air conditioning systems.
760	Firestop Silicone	35 °F - 140 °F	Single part, low modulus neutral cure silicone firestop. Will prevent the spread of toxic gasses, smoke and fire.
810	Non-Intumescent Latex Firestop Sealant	40 °F - 110 °F	Single part, acrylic, multi-purpose firestop sealant that will prevent the spread of toxic gases, smoke, and fire.

\* INDICATES LEADING PRODUCT

(CONTINUED ON P. 30)

(CONTINUED FROM P. 35)

Product	Type	Viscosity	Description
<b>FIRESTOP PRODUCTS (CONT'D)</b>			
812	Fire Block Foam	40 °F - 115 °F	Prevents the spread of smoke and toxic gasses from one compartment to another, thereby slowing down the spread of fire.
<b>INDUSTRIAL SEALANTS</b>			
310	RTV Industrial Silicone Sealant	-35 °F - 140 °F	One-part acetoxy cure adhesive sealant that is suitable for general industrial sealing and adhesive applications.
315	RTV 100% Silicone Sealant	-35 °F - 140 °F	Paste-like, one component material which cures to a tough, rubbery solid when exposed to moisture in the air.
325	RTV Neutral Self-Leveling Silicone	-85 °F - 450 °F	Features a low viscosity that allows it to fill minute crevices and voids in potting and sealing applications.
326	Hi-Temp Red Silicone	-35 °F - 140 °F	One-part, non-slumping paste that cures to a tough, rubbery solid at room temperature on exposure to water vapor in the air.
398	Neutral Non-Corrosive Premium Silicone	-35 °F - 140 °F	Can be used to meet a variety of general industrial sealing and gasketing needs.
<b>SILICONE GREASES &amp; COMPOUNDS</b>			
411	Silicone General Purpose Compound	-40 °F - 400 °F	Extremely stiff, tacky, tenacious compound with excellent water repellency. Has outstanding high temperature and vacuum capabilities as well.
440	Silicone General Purpose Compound	-65 °F - 400 °F	Designed for use as a protectorant compound for electrical and electronic apparatus to prevent electrical power from migrating between circuitry.
755	O'Ring Lubricant Silicone Compound	-80 °F - 350 °F	Soap thickened grease based on a blend of diester and a silicone fluids. Designed for use in applications that require controlled rubber swell.
<b>CONSTRUCTION SEALANTS &amp; CAULKS</b>			
312	100% Silicone HVAC/R	subzero to 400 °F	Premium one-part acetoxy cure adhesive sealant which can be used to meet a variety of sealing and gasketing needs.

\* INDICATES LEADING PRODUCT

(CONTINUED ON P. 31)

(CONTINUED FROM P. 36)

Product	Type	Viscosity	Description
<b>CONSTRUCTION SEALANTS &amp; CAULKS (CONT'D)</b>			
348	Multi-purpose Construction Adhesive	40 °F - 100 °F	Designed for the bonding and installation of all types of plastic foams.
360	Sealant Siliconized Latex	40 °F - 110 °F	Mildew resistant, paintable, air seal and weatherization sealant formulated to provide long lasting, flexible, weatherproof seals.
362	100% Acrylic Tub N' Tile Caulk	40 °F - 110 °F	Developed for use around showers, baths, tubs, tiles, backsplashes and sinks.
363	Sealant Acrylic Latex Caulk with Silicone	40 °F - 110 °F	Designed for both interior and exterior use. Forms a tough, flexible resilient bond to all building material surfaces.
365	100% Acrylic Elastomeric w/ Silicone	40 °F - 110 °F	Specifically formulated for high joint movement.
368	Butyl Rubber Sealant	-35 °F - 140 °F	One component skinning product for sealing standing seam roofs and side walls.
370	HVAC Silicone	-35 °F - 140 °F	One-part acetoxy cure adhesive sealant that is suitable for general heating, ventilation and air conditioning sealing and adhesive applications.
376	Hi-Temp HVAC/R Silicone	-35 °F - 140 °F	One-part, non-slumping paste that cures to a tough, rubbery solid at room temperature on exposure to water vapor in the air.
378	RV Mobile Home Silicone	-35 °F - 140 °F	One-part acetoxy cure adhesive that is suitable for general construction sealing and adhesive applications.
380	Contractor's Silicone	-35 °F - 140 °F	Suitable for general construction sealing and adhesive applications. Will adhere to clean metal, glass, many types of woods, etc.
385	Tub & Tile Silicone	-35 °F - 140 °F	Designed to seal nonporous surfaces around ceramic tile, showers, tubs, sinks and plumbing fixtures where conditions of high humidity and temperature extremes exist.
399	100% Glazing Silicone Sealant	-35 °F - 140 °F	Formulated for the window and door glazing market. Offers primerless adhesion to vinyl, wood and aluminum.
400	Siding & Window Sealant	-35 °F - 140 °F	Formulated for the siding and window market. Offers primerless adhesion to vinyl, wood, aluminum, brick, concrete and fiber cement.
401	Siding Sealant	40 °F - 110 °F	Paintable, mildew resistant, rust inhibited sealant. Specifically formulated for high joint movement.
826	Acoustical Sound Sealant	-35 °F - 140 °F	Formulated to reduce sound transmission in all types of wall partition systems.
TITEBOND	Heavy Duty Construction	-20 °F - 120 °F	Extremely versatile; bonds most common building materials; waterproof

\* INDICATES LEADING PRODUCT

**AJ ADHESIVES**



AJ Adhesives also stocks and distributes their own line of private label industrial adhesives for a variety of applications. AJ's private line of adhesives is manufactured by some of the industry's leading brands including Bostik, DHM Adhesives, and Henkel. What separates AJ's private label products from competitor's products is the overall AJ experience. Their sales and support staff's proficiency in handling any customer need lends itself to a seamless ordering process. And AJ's warehouse locations in St. Louis, Chicago, Houston, and Seattle provide AJ a logistical advantage in getting product to the customer sooner.

**HENKEL**



As a major supplier of packaging adhesives globally, Henkel provides the broadest range of hot melts and water-based adhesives for case and carton sealing for every condition, substrate, process, and budget. Henkel's added value product families enhance your packaging line by removing noises and distractions from the operation. Their adhesives also reduce or completely eliminate such assembly line frustrations as throwing, stringing, downtime and rejects.

**FRANKLIN**



Franklin Adhesives and Polymers manufacture adhesives for the domestic and global wood furniture, millwork and engineered-machination markets; and provides pressure sensitive adhesives for office products and food packaging. In addition, Franklin supplies specialty polymers to various companies to formulate or use as fiberglass and non-woven binders.

**BOSTIK**



Bostik Adhesives are designed to add versatility, efficiencies and high performance for a number of different applications. From cost optimized to high-adhesion liquid resin, Bostik's product line delivers high wet tack and fast set speed to optimize your manufacturing process. They also own a large family of different adhesive brands including ThermoGrip, DuraBond, Dimension and Chem-Chalk, all of which are distributed globally.

**DOW**



DOW's unmatched global industry expertise help you develop packaging solutions that are smart, sustainable and cost efficient. Their line of adhesives, formerly Rohm and Haas, brings its' wide-reaching flexible packaging adhesives portfolio around the globe. They continue to pave the way for the latest innovations in bio-friendly water-based, solvent-less and specialty adhesives for nearly every packaging application - from general purpose through high performance, including new cold seal, heat-seal and clear retort adhesives.

(CONTINUED ON P. 33)





Adhesive Systems, Inc. is a general and custom adhesives manufacturer that delivers technology, service and value to customers worldwide. Our standard, OEM and custom formulations are used by companies for diverse applications in the aerospace field, automotive industries, electronics, medical products manufacturing, product assembly, and countless other market sectors every day.



Today's construction and industrial projects demand sealants, adhesives and lubricants that not only work - but excel. The BOSS line of products meets the needs of the most demanding applications. BOSS offers a wide variety of products from state-of-the-art adhesives and industrial sealants to anti-seize compounds. BOSS technology and quality ensure these products will perform to the highest levels for industrial, construction, HVAC/R, and manufactured housing markets.



Camie-Campbell is a manufacturer and packager of high quality spray adhesives, silicone lubricants, and cleaners and degreasers. Their products are available through their network of distributors nationwide and they offer specialty formulations and private label products as well.



Glue Dots International develops and manufactures innovative adhesive solutions offering a clean, versatile, and preferred alternative to tapes, liquid glues and hot glues. As a leading global manufacturer of pressure sensitive adhesive patterns, Glue Dots realizes innovation is the key to success. The company transforms ideas into technically advanced adhesive products and application systems for the industrial and consumer marketplace.

**WESTIX**

Westix produces a broad range of glue sticks to fit any sort of application. Their sizes range from 1/4" mini sticks to 1" x 3" sticks for industrial users. Westix formulates products that are used in custom packaging, point of purchase displays, plastics, floral applications and more. Along with glue sticks, Westix offers a wide range of glue guns from light industrial tools to a wide variety of heavy industrial tools.

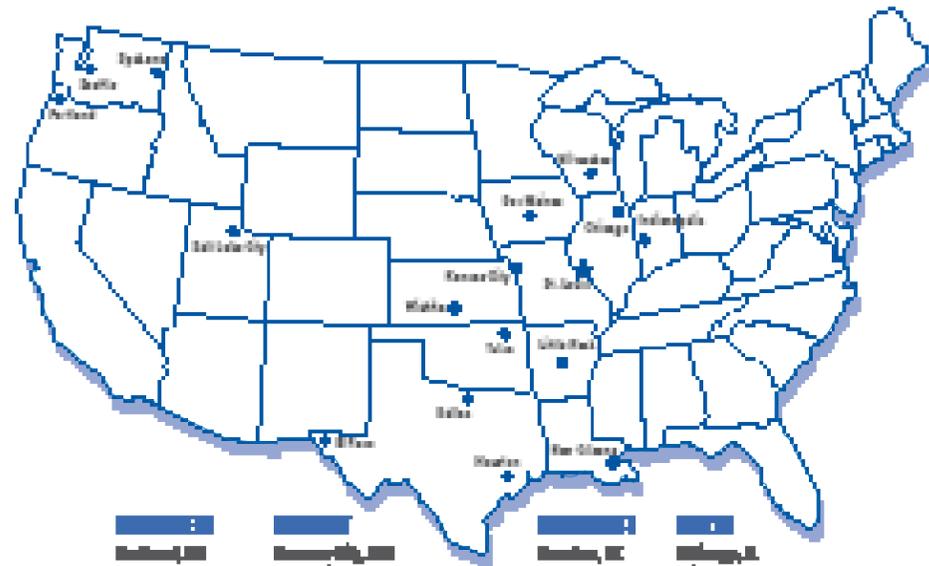


Tensor is a progressive international range of adhesive brands developed by Quin Global. With the TensorGrip pressurized spray adhesive system in the lead, Tensor is continually innovating and responding to the needs and desires of adhesive users worldwide.

**NOTES**



LOCATIONS



- Atlanta, GA
- Baltimore, MD
- Buffalo, NY
- Charlotte, NC
- Chicago, IL
- Cincinnati, OH
- Columbus, OH
- Dallas, TX
- Dayton, OH
- Denver, CO
- Des Moines, IA
- Detroit, MI
- El Paso, TX
- Evansville, IN
- Fort Worth, TX
- Houston, TX
- Indianapolis, IN
- Irving, TX
- Jacksonville, FL
- Kansas City, MO
- Los Angeles, CA
- Memphis, TN
- Minneapolis, MN
- Milwaukee, WI
- Mobile, AL
- New York, NY
- Oak Ridge, TN
- Oklahoma City, OK
- Omaha, NE
- Orlando, FL
- Portland, OR
- Raleigh, NC
- Riverside, CA
- San Antonio, TX
- San Diego, CA
- Seattle, WA
- St. Louis, MO
- Tampa, FL
- Texas City, MO
- Waco, TX
- Wichita, KS
- Wilmington, NC
- Winnipeg, MB
- Yonkers, NY

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AJ Adhesives, Inc. is environmentally conscious and prides itself in being at the forefront of compliance with current governmental regulatory guidelines. Our concern for the environment and worker safety is our highest priority.

All sales are strictly limited to the terms and conditions found on AJ Adhesives, Inc.'s acknowledgment, including a limited warranty and limitations on AJ Adhesives, Inc.'s liabilities and buyer's remedies.

All orders are subject to acceptance by AJ Adhesives, Inc. at its headquarters currently located at 4800 Miami, St. Louis, MO 63116

**Holding North American Manufacturing Together®**

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