

## Partnerships:











# PRODUCT CATALOG

## **CORPORATE HQ**

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# 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** to learn more about AJ

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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	Туре	Viscosity	Description
LIQUID - SYNTHETIC			
★ 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-con- densation resistance. Developed to replace casein based labeling adhe- sives 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 ma- chine-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.
AQ-7500	Aqueous	90,000 cPs @ 76 °F	Labeling adhesive for coated glass bottles. It will pass typical brewery ice proof tests with as little as 48-hour cured time. Ice-proof is more than 3 days on most labels. Extremely well suited for difficult glass.
AQ-7302	Aqueous	65,000 cPs @ 76 °F	Labeling adhesive for plastic bottles. Washes up easily with warm water, both when wet and dry. Passed select brewery ice-proof tests.
LIQUID - RESIN			
AQ-0265	Aqueous Resin	7,500 cPs @ 76 °F	Medium viscosity adhesive formulated to adhere a variety of sub- strates. Will adhere uncoated and coated papers stocks, and treated plastic films. Used on pony labelers and to adhere treated vinyl to cellulosic backings.
AQ-7170	Aqueous	65,000 cPs @ 76 °F	Full resin bottle labeling adhesive used to adhere paper, paper backed foil and metalized paper label stock to a variety of plastic containers. Formulated to run cleanly on high speed rotary equipment.
AQ-7170H	Aqueous	90,000 cPs @ 76 °F	Ice proof synthetic polymer labeling adhesive used to adhere a variety of label stocks to glass. Exhibits high wet tack, moderate speed of set and runs extremely clean on high speed rotary labelers. Good adhesion to properly applied glass coatings. High viscosity version of 7170.

	Product	Туре	Viscosity	
	LIQUID - RESIN (CONT	'D)		
	AQ-7172	Aqueous	75,000 cPs @ 76 °F	F 1 F
_	AQ PET 047A	Formulated Resin Based Adhesive	Approx. 65,000 cPs	
	Optal 200A	Formulated Resin Based Adhesive	Approx. 100,000 cPs	В
	AQ 3667	Formulated Resin Based Adhesive	Approx. 20,000 cPs	В
	LIQUID - CASEIN			
	AQ 421A	Formulated Casein Adhesive	Approx. 65,000 cPs	
	L 42465	Aqueous Casein Based Dispersion	5000 cPs @ 77 °F	
	Optal 9603	Water Dispersible Emulsion	Approx. 1500 cPs @ 72 °F	
	LIQUID - NON CASEIN	·		
	AQ 7006	Non Casein	40,000 cPs @ 76 °F	
	AQ 7302M	Aqueous	100,000 cPs @ 76 °F	r al
	AQ GL 7016MM	Aqueous	Approx. 38,000 cPs	le of
	AQ GA 7248	Aqueous	Approx. 40,000 cPs	
	JELLY GUM			
	AQ 4079	Jelly Gum	Approx. 100,000 cPs	B
	AQ 4106	Jelly Gum	Approx. 43,000 cPs	
	LIQUID		1	
	L7195	Aqueous Acrylic Based Dispersion	75,000 cPs @ 77 °F	
	L7222514	Water Based Adhesive	9,500 cPs @ 77 °F	G
	HOT MELT			
	TM EM-377	Hot Melt Adhesive	600-1000 cPs @ 300 °F	d
	TM EM-396C	Hot Melt Adhesive	860 cPs @ 300 °F	
	* INDICATES LEADING	PRODUCT		

**\*** INDICATES LEADING PRODUCT

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### (CONTINUED FROM P. 3)

## Description

Full resin bottle labeling adhesive used to adhere paper, paper backed foil and metalized paper label stock to a variety of plastic containers. Formulated to run cleanly on high speed rotary equipment with little to not build up.

Fast speed of set, easy clean up, better machining, and longer open time.

Bottle labeling adhesive for plastic containers with improved machining properties. Can be used for PET and treated HDPE with a minimum dyne level of 45. Recommended for high tack requirements.

Bottle labeling adhesive for plastic containers. Good adhesion to flame treated polyethylene.

Bottle labeling adhesive where exceptional ice-proof properties are desired. Dried film is caustic washable, for returnable bottles.

Offers high tack and fast set speed for moderate to high speed lines. Also has excellent clean machining and ice resistance.

Low viscosity water-born adhesive designed for excellent machining and water dispersability. Ideally suited for non-contact application where clean machining and fast setting speed are required.

Ice proof, non-casein bottle labeling adhesive used to adhere a variety of label stock to glass and treated polyethylene. Formulated to adhere property coated glass. High wet tack, fast set speed.

Easy clean version of Optal 7300 labeling glue for plastic bottles. Has passed select brewery ice proof tests. Lower machining viscosity that allows it to run well at higher than normal viscosity's for rotary labeling adhesives.

Ice-proof, non-casein bottle labeling adhesive used to adhere a variety of label stock to glass and treated polyethylene. Specifically formulated to provide superior ice-proof bonds with only a 72 hour cure.

Adheres to difficult to bond surfaces, and runs well on Kolbus and Muller Martini casing-in machines.

Bottle labeling adhesive for picker plate equipment. Excellent non-crystallizing properties, high humidity resistance, high tack, and good spread-ability.

Bottle labeling adhesive for high speed rotary labelers and direct transfer equipment.

High tack, very fast set, clean machining. Very good adhesion to PET and heavily coated glass, good adhesion to treated PE and PP. Good cold flexibility.

Good humidity resistance. Usable after freezing; no speed of set. Dries quickly.

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.

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.

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(CONTINUED FROM P. 4)

	Product	Туре	Viscosity	Description
	HOT MELT (CONT'D)			
	H277-331	Hot Melt Adhesive	475 cPs @ 200 °F	A hot pick-up cement for wrap around labeling to tin, glass or fiber containers. Excellent pick-up bond that cools to a brittle bond. Pick-up is smoother, faster and surer. Uniform spheres of hot pick-up cement.
	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 espe- cially 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.
	H9569	Resin Based Formulation	315 cPs @ 300 °F	Hot melt adhesive used for bottle labeling applications. Offers low viscosity and good hot tack.

**\*** INDICATES LEADING PRODUCT

# **CASE AND CARTON SEALING**

	Product	Туре	Viscosity
	350 °F		
	★ AJ 1924	Hot Melt Adhesive	1100 cPs @ 350 °F
	* AJ 2476 Hot Melt Adhesive		950 cPs @ 350 °F
	AJ 3010	Hot Melt Adhesive	1200 cPs @ 350 °F
/	AJ 1922	Hot Melt Adhesive	1100 cPs @ 350 °F
	AJ 1912	Metallocene Adhesive	875 cPs @ 350 °F
	AJ 3278	Hot Melt Adhesive	875 cPs @ 350 °F
	M231	Hot Melt Adhesive	800-1375 cPs @ 350 °F
	TM-8060	Hot Melt Adhesive	800 - 1375 cPs @ 350 °F
	TM-4622	Hot Melt Adhesive	685 cPs @ 375 °F 950 cPs @ 350 °F 1370 cPs @ 325 °F
	TM 772C	Hot Melt Adhesive	720 cPs @ 375 °F 970 cPs @ 350 °F 1960 cPs @ 300 °F
	TM-8368	Hot Melt Adhesive	800 - 1200 cPs @ 350 °F

\* INDICATES LEADING PRODUCT

**PACKAGING PRODUCTS** 

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.

## Description

Leading packaging adhesive used for tray forming, and case and carton sealing. Good on glass, recycled cardboard, and some coated stocks.

Freezer grade application offering high hot tack, balanced open time and fast set speed. Specifically engineered for freezer grade box beef.

Leading conventional hot melt adhesive for case and carton sealing. This product features aggressive hot tack.

Good on glass, recycled cardboard, and some coated stocks. Features good hot tack with excellent mileage and excellent cold temp performance.

Engineered with DOW Affinity Metallocene. Excellent on glass, recycled cardboard, and some coated stocks. It offers good hot tack with excellent mileage and cold temperature performance.

Premium EVA with excellent thermal stability. Offers fast speed of set, and good hot tack. Provides a superior processing window and service temperature range.

High quality packaging hot melt for difficult substrates as well as freezer applications.

High quality packaging hot melt for difficult substrates as well as freezer applications. Medium open time and will adhere to a wide variety of coated and uncoated stock. Performs well on all standard hot melt equipment.

Excellent adhesion to difficult board stock including recycled and high performance liners. Superior heat stability, low density and viscosity, great heat and cold balance.

Excellent adhesion to wide range of difficult substrates. Low density and low viscosity and outstanding heat resistance to high temp failures. Easy cleaning off metal rails.

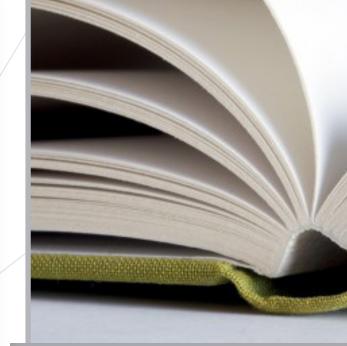
Fast set speed allowing for short compression sections. Excellent hot tack, heat resistance, and clean machining

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Product	Туре	Viscosity	Description
350 °F (CONT'D)			
AJ 1918	Hot Melt Adhesive	940 cPs @ 350 °F	Lowest priced premium metallocene adhesive. Very heat stable product with excellent clean machining properties.
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.
TM-8628	Hot Melt Adhesive	900 - 1300 cPs @ 350 °F	Features excellent hot tack. Very useful when sealing hot filled containers such as cheese
TM-8655	Hot Melt Adhesive	1400 - 2000 cPs @ 350 °F	Medium viscosity hot melt. Developed for case sealing and tray making. Good low temp performance.
LOW TEMPERATURE	•	•	
★ AJ 4020	Hot Melt Adhesive	1050 cPs @ 250 °F	Leading lo-temp adhesive for high speed packaging lines. It offers fast set and bonds most substrates associated with case and carton sealing applications. It is light yellow in color and has a color gardener index of 2-3.
AJ 3428	Hot Melt Adhesive	850 cPs @ 275 °F	Reduced application temperature adhesive. Offers good hot tack and heat resistance.
AJ 4112	Hot Melt Adhesive	1200 cPs @ 250 °F	Low temp adhesive with added benefits of enhanced adhesion and stability over conventional hot melts. Bonds most substrates associated with case and carton applications.
H 1909	Hot Melt Adhesive	925 cPs @ 275 °F	Freezer grade low application temperature product. Offers a high level of hot tack, simplifying adherence to difficult substrates.
AJ 3734	Hot Melt Adhesive	950 cPs @ 275 °F	Reduced application temperature adhesive for freezer grade applications.
TM 134D	Hot Melt Adhesive	970 cPs @ 275 °F	Outstanding thermal stability to prevent char. Excellent adhesion to difficult board stock
COATINGS/TROUBLESHOOTERS		l	•
AJ 1916	Hot Melt Adhesive	1325 cPs @ 350 °F	Extremely fast setting and very heat resistant hot melt used for case sealing, carton sealing and tray forming. It will give fiber tearing bonds very often in under a quarter of a second.
AJ 326	Hot Melt Adhesive	1250 cPs @ 350 °F	Premium light yellow colored adhesive that boasts excellent hot tack excellent mileage and a broad range of low and high temperature resistance.

**\*** INDICATES LEADING PRODUCT

(CONTINUED FROM P. 6)



# **BOOK BINDING/GRAPHIC ARTS**

Product	Туре	Viscosity
SPINE ADHESIVES		
★ AJ 8000	Hot Melt Adhesive	3850 cPs @ 275 °F
★ H1667B	Hot Melt Adhesive	5400 cPs @ 325 °F
★ TM-416C	Hot Melt Adhesive	3350 cPs @ 300 °F
TM-791C	Hot Melt Adhesive	5150 cPs @ 275 °F
TM-685C	Hot Melt Adhesive	5225 cPs @ 275 °F
M 807	Hot Melt Adhesive	5500 cPs @ 350 °F
53-527M	Hot Melt Adhesive	7600 cPs @ 250 °F
M 826	Hot Melt Adhesive	7000 cPs @ 350 °F
HINGE ADHESIVES		
🛨 TM 007A	Hot Melt Adhesive	850 cPs @ 350 °F
★ H2790	Hot Melt Adhesive	750 cPs @ 300 °F
★ TM 1214	Hot Melt Adhesive	4500 cPs @ 300 °F
TM-354B	Hot Melt Adhesive	800 cPs @ 350 °F
TM-PUR 850A	Moisture Curing Hot Melt	6000 cPs @ 250 °F 3200 cPs @ 275 °F

**\* 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.

## Description

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.

Features good adhesion and non smearing on knives.

Designed for applications at 275 °F (+/-) 15 °F. Offers excellent adhesion, low odor, good color, low energy use, reduced burn hazard, and less maintenance.

Offers excellent adhesion, low odor, and less maintenance. Has exceptional long open time, and still has fast set for short trim times

Offers excellent adhesion, low odor, good color, low energy use, reduced burn hazard, and less maintenance. Has exceptional long open time and fast set for short trim times under 1 minute

Slow setting hot melt adhesive formulated to have a flexible film with excellent adhesion to coated substrates

Low temperature white spin book binding hot melt adhesive (White)

Preset binding hot melt exhibiting good adhesion to many difficult substrates. Will run on most binding equipment

Hot melt lining, tight backing, tipping hinge adhesive

Resistant to creep, very good machining characteristics

Very long open time hinge glue. Non PSA alternative.

Non stringing semi PSA

One shot perfect and burst binding, hinging and tight backing. Can be applied by slot coater or teflon coated roll coater adapted for reactive hot melts.

(CONTINUED ON P. 9)

Product	Туре	Viscosity	Description
ENERAL PURPOSE			
AJ 6764	Hot Melt Adhesive	5800 cPs @ 350 °F	Amber adhesive developed for general purpose bookbinding applications
PM-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 bind- ing 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.
UH-2271	Reactive Hot Melt	5000 cPs ± 500	Reactive hot melt polyurethane for bookbinding. Designed for perfect binding with very good lay-flat performance. Longer open time and higher tack give better performance.
33-1902	Formulated Emulsion	1400 cPs	Extremely fast set, tacky product with adhesion to difficult substrates.
AQ-1556	Formulated Polyvinyl Resin Emulsion	2500 cPs	Envelope back seam gum for hard to adhere surfaces such as DuPont Tyvek.
AQ-8028	Formulated Resin Emulsion	2200 cPs	Easy clean, excellent flow and adhesion, better recirculation during application process. Excellent pot stability.
ADDING			
★ TM 1124	EVA Hot Melt	6250 cPs @ 350 °F	Padding hot melt.
🖈 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.
FIPPING APPLICATION	S		
★ TM 1214	Hot Melt Adhesive	4500 cPs @ 300 °F	Very long open time adhesive developed for hot melt lining, tight back- ing, tipping, and hinge glues.
★ TM 007A	Hot Melt Adhesive	850 cPs @ 350 °F	Hot melt lining, tight backing, tipping, hinge glue.
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.
H5231	Hot Melt Adhesive	983 cPs @ 300 °F	Water white clear low tack low stain adhesive.
H5265	Hot Melt Adhesive	1330 cPs @ 325 °F	Clear low tack low stain adhesive that provides a peelable bond.
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 stain- ing 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.

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# **ENVELOPE**

		_	
Product	Туре	Viscosity	
SEAL APPLICATIONS			
★ AQ 767 P	Formulated Resin Adhesive	Approx. 6500 cPs	
★ AQ 2093	Resin Re-moistening Adhesive	Approx. 10,000 cPs	
★ AQ 4110	Water Based Pressure Sensitive Emulsion	Approx. 2400 cPs	
★COVINAX 169	Vinyl Acrylic	1600-3400 cPs @ 77 °F	
★ AQ 6199	Formulated Rubber Latex	Approx. 150 cPs	
★ TM-277 A	Hot Melt Adhesive	2000 cPs @ 300 °F	
AQ-ENV-338P	Formulated Resin Adhesive	Approx. 7250 cPs	
AQ-ENV-3405	Formulated Resin Adhesive	Approx. 6000 cPs	
AQ-ENV-888L	Formulated Resin/ Dextrin Adhesive	Approx. 4000 cPs	
AQ-ENV-2018	Resin Re-moistening Adhesive	Approx. 8500 cPs	
AQ-200A	Resin Re-moistening Adhesive	Approx. 1300 cPs	
AQ-ENV-8640UV	Water Based Pressure Sensitive Adhesive	6500 cPs @ 76 °F	

**\*** INDICATES LEADING PRODUCT

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.

## Description

Front seal gum with the best combination of gum box stability, remoistenability, lay-flat, re-moistening tack and humidity blocking resistance. Low VOC front seal gum. Improved adhesion to difficult stocks.

Envelope front seal applications with excellent non-block and non-curl properties. Good glass and fast re-wet tack with good machining.

Very viscosity stable. Excellent coating characteristics. Dry film is pressure sensitive. Specialty window adhesive for carton manufacture.

Exhibits outstanding adhesion to most synthetic films, including treated and untreated polyethylene and polypropylene, Tyvek and cryovac.

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.

Fast setting product with excellent moisture activation for remoistenable applications. May be used for front seal envelope applications.

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.

Dries to a glossy, light colored film with fast re moistening speed. Excellent lay flat with very fast drying. High resin content.

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.

Excellent gloss, excellent non-block and non-curl properties. Very fast re-wet tack and good machining.

Excellent non-block and non-curl properties. May also be used as an envelope seal gum. Good machining.

Exhibits very aggressive tack and can be utilized on all open-end equipment. Works best when applied by wheel or roller.

(CONTINUED ON P. 11)

# PAPER CONVERTING

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Sensitive Addressive         equipment. Works best when applied by wheel or roller.           WINDOW APPLICATIONS				
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-er equipment. Works best when applied by wheel or roller.         WINDOW APPLICATIONS       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 goc gum box stability.         ★ AQ-ENV 591A       Formulated Resin Adhesive       Approx. 1000 cPs       Ideal for high speed adhesive when excellent gum-box stability is trace to viscosity build up in glue pots.         AQ-ENV-4020       Formulated Resin Emulsion       Approx. 1500 cPs       Excellent patch gum for high speed machines. Unique blend of high wet tack with excellent gum-box stability.         SEAM APPLICATIONS       Formulated Envelope Back Seam Gum       Approx. 1500 cPs       Very clean machining with excellent gum-box stability.         ★ AQ 349A       Resin Emulsion       Approx. 1500 cPs       Very clean machining with excellent gum-box stability.         ★ AQ 349A       Resin Seam Gum       Approx. 1500 cPs       Very clean machining with excellent gum-box stability.         ★ AQ 349A       Resin Seam Gum       Approx. 1500 cPs       Very clean machi	Product	Туре	Viscosity	Description
AQ-ENV-7207UV       Water based Pressure Sensitive Adhesive       6650 cPS @ 76 °F       seal". Exhibits very aggressive tack and can be utilized on all open-er- geuiprent. Works best when applied by wheel or roller.         WINDOW APPLICATIONS       *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. Very goc gum box stability. Excellent for use on re-circulating equipment.         *AQ-ENV 4019       Envelope Window Patch Gum       Approx. 1000 cPs       Excellent patch gum for high speed machines. Unique blend of high wet tack with excellent gum-box stability.         *AQ-ENV 591A       Formulated Resin Adhesive       Approx. 1000 cPs       Ideal for high speed anhesive when excellent gum-box stability is required. Blend of long open time, high adhesion, and excellent resis tance to viscosity build up in glue pots.         AQ-ENV-4020       Formulated Resin Emulsion       Approx. 1000 cPs       Atheres polystyren, Approx. and Dow DWF6001 to paper for use o envelopes and carton windows. Long open time, high adhesion, and excellent resis tance to viscosity build up in glue pots.         AQ-ENV-275A       Formulated Envelope Back Seam Gum       Approx. 1500 cPs       Very clean machining with excellent non-throw, adhesion, and labelin 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 good ast speed contains UV indicator. Ver	SEAL APPLICATIONS (	CONT'D)		•
*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 god 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 resis tance to viscosify build up inglue pots.         AQ-ENV-4020       Formulated Resin Emulsion       Approx. 1500 cPs       Adheres polystyrene, Aypexine, and Dow DWF6001 to paper for use o envelopes and carton windows. Long open time, resistance to viscosify build up in glue pots.         AQ-ENV-275A       Formulated Resin Emulsion       Approx. 1000 cPs       Excellent patch gum for high speed machines. Unique blend of high wet tack with excellent non-throw, adhesion, and labelin resistance.         * AQ 3547       Formulated Envelope Back Seam Gum       Approx. 1500 cPs       Very clean machining with excellent non-throw, adhesion, and labelin resistance.         * AQ 349A       Resin Seam Gum       Approx. 1000 cPs       Very clean machining, with excellent adhe- ison, and humidity resistance.         AQ-ENV-7603       Formulated Envelope Back Seam Gum       Approx. 2000 cPs       Envelope back seam adhesive with clean machining, percorm swell with sma orffice nozzles.	AQ-ENV-7207UV		6500 cPs @ 76 °F	seal". Exhibits very aggressive tack and can be utilized on all open-end
*AQ-ENV 156A       PortMutated Cupuymer Resin Emulsion       Approx. 100 cPs       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 god 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 resis tance to viscosity build up in glue pots.         AQ-ENV-4020       Formulated Resin Emulsion       Approx. 1500 cPs       Excellent patch gum for high speed machines. Unique blend of high wet tack with excellent gum-box stability.         SEAM APPLICATIONS       Formulated Envelope Back Seam Gum       Approx. 1500 cPs       Very clean machining with excellent non-throw, adhesion, and labelin resistance.         * AQ 3547       Formulated Envelope Back 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 sma orifice nozzles.         AQ-ENV-3541       Formulated Envelope Back Seam Gum       Approx. 2000 cPs       Envelope back seam adhesive with clean machining, excellent adhesion. and humidity resistance.         AQ-ENV-7603       Formulated Envelope Back Seam Gum       Approx. 2000 cPs       For use on Alkali-sized kraft or other more difficult to adhere paper stocks. Any general open-end applications. <tr< td=""><td>WINDOW APPLICATIO</td><td>NS</td><td></td><td></td></tr<>	WINDOW APPLICATIO	NS		
XAU-ENV 4019       Patch Gum       Approx. 600 CPS       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 resis tance 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 o envelopes and carton windows. Long open time, resistance to viscosi 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.         SEAM APPLICATIONS       Formulated Envelope Back Seam Gum       Approx. 1500 cPs       Very clean machining with excellent non-throw, adhesion, and labelin resistance.         * AQ 3547       Formulated Envelope Back 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 sma orifice nozzles.         AQ-ENV-7603       Formulated Envelope Back Seam Gum       Approx. 2000 cPs       Senvelope back seam adhesive with clean machining, excellent adhe- sion, and humidity resistance.         AQ-ENV-7603       Formulated Envelope Back Seam 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 156A		Approx. 100 cPs	
*AQ-ENV 591APortulated Resin AdhesiveApprox. 1000 cPsrequired. Blend of long open time, high adhesion, and excellent resis tance to viscosity build up in glue pots.AQ-ENV-4020Formulated Resin EmulsionApprox. 1500 cPsAdheres polystyrene, Avpexine, and Dow DWF6001 to paper for use o envelopes and carton windows. Long open time, resistance to viscosity build up in glue pots.AQ-ENV-275AFormulated Copolymer Resin EmulsionApprox. 1000 cPsExcellent patch gum for high speed machines. Unique blend of high wet tack with excellent gum-box stability.SEAM APPLICATIONSApprox. 1000 cPsExcellent patch gum for high speed machines. Unique blend of high wet tack with excellent gum-box stability.★ AQ 3547Formulated Envelope Back Seam GumApprox. 1500 cPsVery clean machining with excellent non-throw, adhesion, and labelin resistance.★ AQ 349AResin Seam GumApprox. 225 cPsExcellent cut-off and little build up on extruders. Very good set speed Contains UV indicator. Very clean machining, performs well with smal orifice nozzles.AQ-ENV-3541Formulated Envelope Back Seam GumApprox. 1000 cPsEnvelope back seam adhesive with clean machining, excellent adhe- sion, and humidity resistance. Runs well on high speed machines.AQ-ENV-3568Vinyl Dex Open Gum Patch GumApprox. 2500 cPsVery clean machining, short, non-throwing products even at high speeds. Excellent adhesion and humidity resistance.AQ-ENV-3568Vinyl Dex Open Gum Patch GumApprox. 350 cPsFor use on Alkali-sized kraft or other more difficult to adhere paper stocks. Any general open-end applications.AQ-ENV-618A <t< td=""><td>★AQ-ENV 4019</td><td></td><td>Approx. 600 cPs</td><td>Performs well on conventional patching and HSP equipment. Very good gum box stability.</td></t<>	★AQ-ENV 4019		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       envelopes and carton windows. Long open time, resistance to viscosi 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.         SEAM APPLICATIONS       Formulated Envelope Back Seam Gum       Approx. 1500 cPs       Very clean machining with excellent non-throw, adhesion, and labelin resistance.         * AQ 349A       Resin Seam Gum       Approx. 225 cPs       Contains UV indicator. Very clean machining, performs well with smal orifice nozzles.         AQ-ENV-3541       Formulated Envelope Back Seam Gum       Approx. 1000 cPs       Envelope back seam adhesive with clean machining, excellent adhe- sion, 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-7603       Formulated Envelope Back Seam 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 curre product line. Very good set speed.         AQ-ENV-4019       Envelope Window Patch Gum       Approx. 600 cPs <td>★AQ-ENV 591A</td> <td></td> <td>Approx. 1000 cPs</td> <td>required. Blend of long open time, high adhesion, and excellent resis-</td>	★AQ-ENV 591A		Approx. 1000 cPs	required. Blend of long open time, high adhesion, and excellent resis-
AQ-ENV-273A       Resin Emulsion       Approx. 1000 CPs       wet tack with excellent gum-box stability.         SEAM APPLICATIONS         ★ AQ 3547       Formulated Envelope Back Seam Gum       Approx. 1500 cPs       Very clean machining with excellent non-throw, adhesion, and labelin 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 smal orifice nozzles.         AQ-ENV-3541       Formulated Envelope Back Seam Gum       Approx. 1000 cPs       Envelope back seam adhesive with clean machining, excellent adhe- sion, and humidity resistance. Runs well on high speed machines.         AQ-ENV-3563       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-7603       Formulated Envelope Back Seam 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 curre product line. Very good set speed.         AQ-ENV-618A       Resin Seam Gum       Approx. 600 cPs       Performs well on conventional patching and HSP equipment. Very goo gum box stability.         LIQUID - LATEX       Approx 450 cPs       Self seal rubbe	AQ-ENV-4020		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 3547Formulated Envelope Back Seam GumApprox. 1500 cPsVery clean machining with excellent non-throw, adhesion, and labelin resistance.★ AQ 349AResin Seam GumApprox. 225 cPsExcellent cut-off and little build up on extruders. Very good set speed Contains UV indicator. Very clean machining, performs well with smal orifice nozzles.AQ-ENV-3541Formulated Envelope Back Seam GumApprox. 1000 cPsEnvelope back seam adhesive with clean machining, excellent adhe- sion, and humidity resistance. Runs well on high speed machines.AQ-ENV-7603Formulated Envelope Back Seam GumApprox. 2000 cPsVery clean machining, short, non-throwing products even at high speeds. Excellent adhesion and humidity resistance.AQ-ENV-3568Vinyl Dex Open GumApprox. 2500 cPsFor use on Alkali-sized kraft or other more difficult to adhere paper stocks. Any general open-end applications.AQ-ENV-618AResin Seam GumApprox. 350 cPsExcellent cut-off and little build up on extruders as compared to curre product line. Very good set speed.AQ-ENV-4019Envelope Window Patch GumApprox. 600 cPsPerforms well on conventional patching and HSP equipment. Very good gum box stability.LUQUID - LATEXEnvelope Formulated RubberApprox. 150 cPsSelf seal rubber latex for envelopes, and coatings on paper, board, etc	AQ-ENV-275A		Approx. 1000 cPs	Excellent patch gum for high speed machines. Unique blend of high wet tack with excellent gum-box stability.
★ AQ 3547Back Seam GumApprox. 1500 CPsresistance.★ AQ 349AResin Seam GumApprox. 225 cPsExcellent cut-off and little build up on extruders. Very good set speed Contains UV indicator. Very clean machining, performs well with smal orifice nozzles.AQ-ENV-3541Formulated Envelope Back Seam GumApprox. 1000 cPsEnvelope back seam adhesive with clean machining, excellent adhe- sion, and humidity resistance. Runs well on high speed machines.AQ-ENV-7603Formulated Envelope Back Seam GumApprox. 2000 cPsVery clean machining, short, non-throwing products even at high speeds. Excellent adhesion and humidity resistance.AQ-ENV-3568Vinyl Dex Open GumApprox. 2500 cPsFor use on Alkali-sized kraft or other more difficult to adhere paper stocks. Any general open-end applications.AQ-ENV-618AResin Seam GumApprox. 350 cPsExcellent cut-off and little build up on extruders as compared to curre product line. Very good set speed.AQ-ENV-4019Envelope Window Patch GumApprox. 600 cPsPerforms well on conventional patching and HSP equipment. Very goo gum box stability.LIQUID - LATEXEnvelope Kindow Patch GumApprox. 150 ePsSelf seal rubber latex for envelopes, and coatings on paper, board, etc	SEAM APPLICATIONS			
* AQ 349A       Resin Seam Gum       Approx. 225 cPs       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 curre 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.         LIQUID - LATEX       Approx. 150 cPs       Self seal rubber latex for envelopes, and coatings on paper, board, etc.	★ AQ 3547		Approx. 1500 cPs	Very clean machining with excellent non-throw, adhesion, and labeling resistance.
AQ-ENV-3341       Back Seam Gum       Approx. 1000 CPs       sion, 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 curre 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.         LIQUID - LATEX       Approx. 450 cPs       Self seal rubber latex for envelopes, and coatings on paper, board, etc	★ 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-7803       Back Seam Gum       Approx. 2000 CPS       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 curre 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.         LIQUID - LATEX       Approx. 150 cPs       Self seal rubber latex for envelopes, and coatings on paper, board, etc	AQ-ENV-3541		Approx. 1000 cPs	Envelope back seam adhesive with clean machining, excellent adhe- sion, and humidity resistance. Runs well on high speed machines.
AQ-ENV-3568       Vinyl Dex Open Gum       Approx. 2500 CPs       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 curre 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.         LIQUID - LATEX       Approx. 150 cPs       Self seal rubber latex for envelopes, and coatings on paper, board, etc	AQ-ENV-7603		Approx. 2000 cPs	
AQ-ENV-618A       Resin Seam Gum       Approx. 350 CPS       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.         LIQUID - LATEX       Formulated Rubber       Approx. 150 cPs       Self seal rubber latex for envelopes, and coatings on paper, board, etc	AQ-ENV-3568	Vinyl Dex Open Gum	Approx. 2500 cPs	
AQ-ENV-4019 Patch Gum Approx. 600 CPS gum box stability.  LIQUID - LATEX  AQ ENV 6100 Formulated Rubber Approx 150 cPc Self seal rubber latex for envelopes, and coatings on paper, board, etc	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.
AC FAIL CLOO Formulated Rubber Approx 150 cPc Self seal rubber latex for envelopes, and coatings on paper, board, etc	AQ-ENV-4019		Approx. 600 cPs	Performs well on conventional patching and HSP equipment. Very good gum box stability.
	LIQUID - LATEX			
	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



# **GLUED LAP**

Product	Туре	Viscosity
CONTACT EXTRUSION		
★ AJ 3964	Vinyl Acetate Ethylene	8000 cPs @ 78 °F
★ C 2000	High Performance Formulated Emulsion	Approx. 1375 cPs
* C 2100	Formulated Resin Emulsion	Approx. 1600 cPs
★ C 2300	High Performance Formulated Emulsion	1650 mPa.s @ 22 °C
AQ-763A	High Performance Formulated Emulsion	Approx. 1500 cPs
AQ-638A	High Performance Formulated Emulsion	Approx. 1650 cPs
AQ-070A	High Performance Formulated Emulsion	Approx. 1300 cPs
AQ-108A	High Performance Formulated Emulsion	Approx. 1650 cPs
AQ-638B	High Performance Formulated Emulsion	Approx. 1650 cPs
AQ-034A	Formulated Resin Emulsion	Approx. 1600 cPs
AQ-144A	Formulated Resin Emulsion	Approx. 1600 cPs
AQ-197A	Formulated Resin Emulsion	Approx. 1600 cPs
AQ-318A	Formulated Resin Emulsion	Approx. 1600 cPs

**\*** 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.

## Description

Will adhere most gluable coatings, good adhesion on foam/chip board. Seam adhesive for higher speed paper bag machines. Laminating - 2000 cPs/Folding Carton - 500 cPs (non-contact extrusion)/ Glued Lap - 500 cPs (non-contact extrusion)

High quality, fast setting glued lap adhesive

Manufacturer's joint for case and carton forming, and single face laminating

High quality, water resistant, fast setting general purpose packaging adhesive used particularly for glued lap applications where good tack is required.

High quality, fast setting, glued lap adhesive. Very aggressive and excellent troubleshooter.

High quality, fast setting glued lap adhesive. General purpose, good for uncoated board. Homo-polymer.

High quality, fast setting, water resistant, glued lap adhesive, especially where good "retack" is required. Lead formulated PVA.

High quality, fast setting, water resistant, glued lap adhesive, especially where good "retack" is required.

High quality, fast setting glued lap adhesive. Improved adhesion, low cost, flexible bond line, co-polymer

Manufacturer's joint for case and carton forming, single face laminating. Lead formulated EVA.

Manufacturer's joint for case and carton forming, single face laminating. Lead formulated EVA.

Manufacturer's joint for case and carton forming, single face laminating. Lead formulated EVA.

Single face and solid paper or board laminating, in conjunction with the Aerobond foaming equipment.

(CONTINUED ON P. 13)

PAPER CONVERTING

(CONTINUED FROM P. 12)

Product	Туре	Viscosity	Description
CONTACT EXTRUSION (	(CONT'D)		
AQ-775A	High Performance Formulated Emulsion	Approx. 1500 cPs	High quality, fast setting, glued lap adhesive. Blue color.
AQ-9012	High Performance Formulated Copolymer Emulsion Adhesive	Approx. 1300 cPs	Adhesive for contact extrusion, great "sticker" and handles foil and Michelman.
PVA/EVA HYBRID			
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.
NON-CONTACT EXTRUS	SION		•
AQ-9170	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.
AQ-636A	Formulated Emulsion Adhesive	Approx. 600 cPs	Clean machining high pressure extrusion product. Ideal for HHS units. Good recovery, low build product. Use for folding carton and glued lap applications.
AQ-5489MUV	Polyvinyl Resin Emulsion	Approx. 500 cPs	Extrusion adhesive for non-contact systems. Displays a good balance of tack, speed of set and water resistance while maintaining good spray characteristics. This product contains UV detection package for visibility under UV/Black light equipment.

**\*** INDICATES LEADING PRODUCT



# **FOLDING CARTON**

	Product	Туре	Viscosity
	OPEN POT APPLICATIO	NS	
	★ AQ-034A	Formulated Emulsion	Approx. 9000 cPs
	★ AQ-980A	Formulated Emulsion	Approx. 8500 cPs
	LIQUID - EXTRUSION A	PPLICATIONS	
	★ AQ-9192	Formulated Emulsion	Approx. 750 cPs
	★ AJ 3964	Vinyl Acetate Ethylene	8000 cPs @ 78 °F
	AQ-7007 UV	Resin Emulsion	400 cPs @ 76 °F
	LIQUID - NON-CONTAC	ONS	
	★ AQ 9170	Formulated Resin Emulsion	Approx. 300 cPs
	★ AQ 5489	Polyvinyl Resin Emulsion	Approx. 500 cPs
_	AQ-778A UV	Formulated Synthetic Emulsion Adhesive	Approx. 600 cPs
	AQ-230A	Formulated Emulsion Adhesive	Approx. 400 cPs
	AQ-9080	Formulated Copolymer Emulsion Adhesive	Approx. 650 cPs
	AQ-715A	Formulated Emulsion Adhesive	Approx. 600 cPs

**\*** INDICATES LEADING PRODUCT

AJ

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.

## Description

Level 3 adhesion version of 33-9833. Best in class adhesive with similar clean machining characteristics. Works well where a high adhesion, tacky, fast setting product is required.

High quality, very fast setting carton seal adhesive for use on difficult to adhere coated stocks. Compatible with UV detection systems.

High quality, medium-fast setting carton seal adhesive, for use on coated stocks.

Will adhere most gluable coatings, good adhesion on foam/chip board. Seam adhesive for higher speed paper bag machines.

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.

Features improved machining characteristics and contains a UV indicator.

New generation extrusion adhesive for non-contact systems. Displays a good balance of tack, speed of set and water resistance while maintaining good spray charactersitics.

New generation extrusion adhesive designed for in non-contact systems. Displays a good balance of tack and speed of set while maintaining good application characteristics. Contains a UV detection package for product visibility under UV/Black light equipment.

Used for general packaging applications involving high machine speeds and/or difficult substrates where a high quality, tacky, very fast setting product is needed.

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.

Good recovery, low build, and clean cut-off. Excellent adhesion properties to un-coated and many coated carton applications; good water resistance, above average heat and outstanding cold resistance.

(CONTINUED ON P. 15)

(CONTINUED FROM P. 14)

(CONTINUED FROM			
Product	Product Type Viscosity		Description
LIQUID - WHEEL/BOTT	OM POT APPLICATIONS		
AQ-711C	Formulated Emulsion Adhesive	Approx. 5500 cPs	Clean machining product for wheel and bottom pot applications. Machining properties include stability, ideal transfer and good cut-off. Excellent adhesion properties to un-coated cartons.
AQ-1556	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-9184	High Performance Formulated Emulsion	Approx. 1800 cPs	High quality, medium-fast setting carton seal adhesive, for use on coated stocks.
AQ-034A	High Performance Formulated Emulsion	Approx. 9000 cPs	Level 3 adhesion version of 33-9833, with similar clean machining characteristics.
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.
HOT MELT TRAY FORM	ING APPLICATIONS		
AJ 326	Hot Melt Adhesive	1250 cPs @ 350 °F	Boasts excellent hot tack, excellent mileage and a broad range of low and high temperature resistance. Features a color gardener index of 3.
AJ 944	Hot Melt Adhesive	1400 cPs @ 350 °F	Premium light colored packaging adhesive used for tray forming applications. Features excellent hot tack and excellent mileage. Excellent adhesion in freezer to -26 °F.
AJ 961	Hot Melt Adhesive	1100 cPs @ 350 °F	EVA adhesive for tray forming applications. Good on glass, recycled cardboard and some coated stock. Good hot tack with excellent mileage. Excellent cold and hot temperature performance.
AJ 1112	Hot Melt Adhesive	1600 cPs @ 350 °F	Choice product for beef and poultry houses. Provides deep fiber tear on recylced cardboard and some coated stock. Great hot tack with excellent high and low temperature bond performance.
AJ 1912	Hot Melt Adhesive (Metallocene)	875 cPs @ 350 °F	Good on glass, recycled cardboard, and some coated stocks. Good hot tack with excellent mileage. Excellent cold and hot temperature applications.
AJ 1916	Hot Melt Adhesive	1325 cPs @ 350 °F	Extremely fast setting tray forming adhesive. It will give fiber tearing bonds very often in under a quarter of a second. It will bond most typical surfaces such as corrugated, SBS, SUS and fiberboard. Excellent low and high temperature bond performance.
AJ 1918	Hot Melt Adhesive	950 cPs @ 350 °F	Very heat stable product with excellent clean machining properties. Good high and low temperature bond performance. Excellent mileage. Has enhanced low temperature performance for most freezer applications on dry board.
AJ 1922	Hot Melt Adhesive	1100 cPs @ 350 °F	Good on glass, recycled cardboard, and some coated stocks. Good hot tack with excellent mileage. Excellent cold temperature performance combined with excellent performance in hot shipping conditions make this the hot melt of choice for corrugated packaging.
AJ 1924	Hot Melt Adhesive	1100 cPs @ 350 °F	Good on glass, recycled cardboard, and some coated stocks. Good hot tack with excellent mileage.

**\*** INDICATES LEADING PRODUCT



# **BAG CONVERTING**

	Product	Туре	Viscosity			
	LIQUID - SEAMING					
	AQ-1200	Borated Dextrin Adhesives	Approx. 600 cPs			
	AQ-1310	Formulated Polyvinyl Emulsion	Approx. 6000 cPs			
	LIQUID - SEAM/SPOT					
	AQ-1556	Formulated Polyvinyl Resin Emulsion	Approx. 2500 cPs			
	AQ-0271	Formulated Resin Emulsion	Approx. 2200 cPs			
	LIQUID - BOTTOMING					
	AQ-0299	AQ-0299 Starch Paste				
	AQ-0261	Starch Paste	Approx.			
	AQ-9191	Formulated Resin Emulsion	Approx. 105000 cPs			
_	AQ-1556	Formulated Polyvinyl Resin Emulsion	Approx. 2500 cPs			
	AQ-4110	Water Based Pressure Sensitive Emulsion	Approx. 2400 cPs			
	LIQUID - FILM LAMINATION					
	77-34AL	Formulated Copolymer Emulsion	Approx. 3000 cPs			
	33-608A	High Performance Formulated Copolymer Emulsion	Approx. 900 cPs			
				_		

**\* INDICATES LEADING PRODUCT** 

AJ

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.



General packaging adhesive. Good for spray application and hand sealing.

General purpose when easy clean-up, good spread-ability, and strong wet tack are desired. Useful when consumer requires dilutable resin.

Envelope back seam gum for hard to adhere surfaces such as DuPont Tyvek. Provides versatile adhesion.

Used in general packaging applications - particularly where adhesion to difficult surfaces is required. Also suitable as high quality resin additive.

Short, soft paste with slight flow, slow set and moderate tack. For RFU paper single ply, flow-able.

Bag bottom paste.

Bag bottom/handle attachment.

Envelope back seam gum for hard to adhere surfaces such as DuPont Tyvek. Provides versatile adhesion.

Very viscosity stable. Excellent coating characteristics. Dry film is pressure sensitive.

Adheres lightly treated polyethylene and polypropylene film to paper or board for various laminating applications.

Provides adhesion of polyfilms to paper or board for various bag laminating applications.

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	Туре	Viscosity	Description
GENERAL PURPOSE LAMINATING APPLICATIONS			
★ 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.
★ AJ 3964	Vinyl Acetate Ethylene	8400 cPs @ 78 °F	Laminating resin adhesive that will adhere most gluable coatings and offers good adhesion on foam/chip board. Features clean machining, excellent wet-tack, dries clear, fast speed of set time, and high solids.
★ CP 15	Dextrin	2000 cPs @ 75 °F	High performance dextrin type laminating adhesive exhibiting excellent machinability and good adhesion properties. Excellent for pot devin.
★ AQ 5023M	Dextrin	2800 cPs @ 76 °F	Lay flat laminating adhesive where good machining, good adhesion and excellent lay flat are required.
AJ 18364	Water Based Adhesive	2500 cPs @ 75 °F	Used on laminators needing excellent lay flat, clean machining, and fast set.
LITHO/AUTOMATION			
AQ-067A	Formulated Hybrid Adhesive	Approx. 1000 cPs	High quality paper laminating adhesive where hold out and superior trim stability are needed. Designed for Automatan and similar laminating equipment.
AQ-117A	Dextrin Adhesive	Approx. 2000 cPs	Lay-flat laminating where good machining, good adhesion and excellent lay-flat are needed.
AQ-5020M	Dextrin Adhesive	2200 cPs @ 75 °F	Used for laminating paper to paper and for mounting printed labels onto corrugated, chipboard or foam-core. Popular choice for Automatan and other fast, automatic labelers.
AQ-1019	Dextrin Adhesive	Approx. 1750 cPs	Lay-flat laminating where good machining, high tack, good adhesion and excellent lay-flat are needed.
AQ-1020	Hot Melt Adhesive	Approx. 2800 cPs	Nitrate free lay-flat/label laminating. Superior lay-flat properties to standard dextrin laminating adhesives. Very clean machining with long range for wide labels.
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 1551	Fluid Emulsion	1200 cPs @ 76 °F	Lay flat laminating adhesive. Acid free version of 32-1523 type.

Product	Туре	Viscosity
LITHO/AUTOMATION ((	CONT'D)	
AJ 20	Dextrin	2000-2500 cPs
AQ-724A	High Performance For- mulated Emulsion	Approx. 1200 cPs
SINGLE FACERS/ASITE	RADE	
AQ-724A	High Performance For- mulated Emulsion	Approx. 1200 cPs
AQ-0276	Formulated Resin Emulsion	Approx. 2200 cPs
AQ-150A	Formulated Resin Emulsion	Approx. 2000 cPs
BULK-BOX/HONEYCOM	ЛВ	
AQ-724A	High Performance Formulated Emulsion	Approx. 1200 cPs
AQ-070A	High Performance Formulated Emulsion	Approx. 1300 cPs
AQ-034A	Formulated Resin Emulsion	Approx. 1600 cPs
AQ-9012	High Performance Formulated Emulsion	Approx. 1500 cPs
SOLID FIBER/ARTIST E	BOARD	
AQ-724A	High Performance Formulated Emulsion	Approx. 1200 cPs
AQ-208A	Formulated Emulsion Adhesive	Approx. 1500 cPs
AQ-575A	Formulated Resin Emulsion	Approx. 2000 cPs

\* INDICATES LEADING PRODUCT

**\* INDICATES LEADING PRODUCT** 

(CONTINUED ON P. 18)

AJ

## (CONTINUED FROM P. 5)

## Description

Litho laminating adhesive that offers easy handling, clean-up with water, long open time and good lay-flat.

High quality, fast setting, laminating adhesive designed for single-face and solid board laminating. Good for Asitrade, Stock, and others.

High quality, fast setting, laminating adhesive designed for single-face and solid board laminating. Good for Asitrade, Stock, and others.

Used for general packaging applications, particularly where adhesion to difficult surfaces is required. Also suitable as high quality resin adhesive.

General purpose laminating adhesive where hold out and superior foam stability is needed. Good for Asitrade, Stock, and others. Contains UV indicator.

High quality, fast setting, laminating adhesive designed for single-face and solid board laminating. Good for Asitrade, Stock, and others.

High quality, fast setting, water resistant, glued lap adhesive, especially where good "retack" is required.

Manufacturer's joint for case and carton forming, single face laminating.

High quality, fast setting, water resistant, glued lap adhesive, especially where good "retack" is required.

High quality, fast setting, laminating adhesive designed for single-face and solid board laminating. Good for Asitrade, Stock, and others.

Lay flat laminating adhesive.

Nip roller type application for paper and board laminating adhesive.

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	Туре	Viscosity	Description
RESIN			
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, im- proved 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.
DEXTRIN			
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	LA	

# **GENERAL ASSEMBLY**

t	Туре	Viscosity		
/E				
igh	Polyvinyl Acetate Emulsion	3000-4500 cPs @ 83 °F		
-2A	Polyvinyl Acetate Emulsion	13,000-19,000 cPs @ 83 °F		
200	Cross-linking Polyvinyl Acetate Emulsion	5700-8500 cPs @ 83 °F		
000	Polyurethane Assembly	150-250 cPs @ 77 °F		
060	Cross-linking Polyvinyl Acetate Emulsion	3000-4000 cPs @ 60°F		
080	Cross-linking Polyvinyl Acetate Emulsion	2000-4500 cPs @ 75 °F		
000	Cross-linking Polyvinyl Acetate Emulsion	3000-4300 cPs @ 70 °F		
60	Aliphatic Resin Emulsion	3000-4500 cPs @ 70 °F		
oly-	Polyurethane	Approx. 8500 cPs		
jular	Aliphatic Resin Emulsion	3000-5100 cPs		
wset	Aliphatic Resin Emulsion	3000-4600 cPs @ 83 °F		
285	Polyvinyl Acetate Emulsion	3400-4900 cPs @ 83 °F		
λB	Polyvinyl Acetate Emulsion	3000-4300 cPs @ 83 °F		
	24 200 200 200 200 200 200 200 2	/E         igh       Polyvinyl Acetate Emulsion         -2A       Polyvinyl Acetate Emulsion         -200       Cross-linking Polyvinyl Acetate Emulsion         200       Polyurethane Assembly         200       Polyurethane Assembly         200       Cross-linking Polyvinyl Acetate Emulsion         200       Aliphatic Resin Emulsion         201       Aliphatic Resin Emulsion         202       Polyvinyl Acetate Emulsion		

**\*** 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.

## Description

Very fast setting for short clamp times. High solvent-resistance and good sand-ability.

Fast setting, high viscosity adhesive. Great for general assembly.

Fast setting, one component flush door adhesive. Produces a water and heat resistant bond on various rail, stile and skin substrates.

Excellent durability. Good heat resistance with temperatures below 170 °F. Strong chemical resistance; room temperature cure in 3-5 minutes.

Designed for use in high frequency, hot press and cold press applications, also well suited for variety of assembly gluing applications. Fast set rate, high solids content. Type II water-resistant bond.

Excellent water resistance. Low minimum use temperature and long assembly time. Moderately slow setting.

Very fast setting rate, viscosity stability and percent solids. Shelf stable one component adhesive.

Fast setting, aliphatic resin emulsion adhesive. Excellent creep and heat resistance, superior solvent-resistance, very low minimum use temperature, and excellent bond strength.

Versatile, professional-strength glue specifically formulated for multipurpose applications.

Excellent creep and heat resistance, superior solvent resistance, very low minimum use temperature, and excellent bond strength.

Developed for applications which need a long assembly time between adhesive application and clamping. Heat and solvent resistance and good stand-ability.

Very fast setting, cost effective adhesive. Good spread-ability and its fast set allows for short clamp times.

High quality, long assembly time and produces a transparent, flexible bond. Excellent choice for bonding to many pre-finished surfaces.

(CONTINUED ON P. 21)

(CONTINUED FROM P. 20)

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Product	Туре	Viscosity	Description
WOOD ADHESIVE			
Assembly 8	Polyvinyl Acetate Emulsion	1300 - 2000 cPs	Low viscosity, fast setting polyvinyl emulsion adhesive. Its composition makes it easy to spread and allows for a short clamp time. Designed for automatic doweling, dovetail and general assembly applications. Sets fast to reduce assembly time, offers excellent strength and pro- vides a translucent glue line.
Assembly 65	Polyvinyl Acetate Emulsion	3000 - 4200 cPs	Extremely fast setting, versatile and is widely used for assembly appli- cations such as cabinets.
Assembly Griptite	Polyvinyl Acetate Emulsion	3000 - 4200 cPs	Moderately fast setting, allows for a long assembly time and can be used at temperatures as low as 40 °F.
Titebond Liquid Hide Glue	Natural Protein Emulsion	Approx. 4000 cPs	Requires no mixing, heating or stirring. Superior creep-resistance, offers excellent sand-ability and is unaffected by finishes. Sensitivity to moisture allows for easy disassembly of parts.
Titebond 35	Aliphatic Resin Emulsion	3000-4200 cPs @ 83 °F	Slower setting to allow for extended assembly times. One-component for cold pressing and assembly.

\* INDICATES LEADING PRODUCT

# **EDGE AND FACE**

Product	Туре	Viscosity				
WOOD ADHESIVE						
Advantage 160	Cross-linking Polyvinyl Acetate Emulsion	1700-4000 cPs @ 83°F				
Advantage 310	Cross-linking Polyvinyl Acetate Emulsion	2500-3700 cPs @ 83 °F				
Advantage 415	Cross-linking Polyvinyl Acetate Emulsion	2000-3700 cPs @ 83 °F				
Advantage 440 DEV	Cross-linking Polyvinyl Acetate Emulsion	2000-4300 cPs @ 83 °F				
Assembly High Tack	Polyvinyl Acetate Emulsion	3000-4500 cPs @ 83 °F				
Advantage 405	Cross-linking Polyvinyl Acetate Emulsion	1800-3800 cPs @ 83 °F				
Advantage EP-930	Polyvinyl Acetate Emulsion	4500-6500 cPs				
Advantage EP-925	Polyvinyl Acetate Emulsion	170-230 cPs				
Multibond 2000	Cross-linking Polyvinyl Acetate Emulsion	3000-4300 cPs				
Multibond 4000 FF	Polyvinyl Acetate Emulsion	2250 - 3750 cPs				
Titebond 50	Aliphatic Resin Emulsion	3000 - 4500 cPs				
Titebond Imperial	Polyvinyl Acetate Emulsion Adhesive	2800-4000 cPs @ 83 °F				
Titebond Regular	Aliphatic Resin Emulsion	3000-5100 cPs				

\* 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.

## Description

Excellent for finger jointing and extrusion applications. Good for radio frequency gluing as well as hot press and cold press operations. Low VOC's, high water resistance. Low minimum use temperature and translucent clear glue line.

Proven performance in millwork applications. Excellent for lamination and edge and face gluing. Low VOC's and high water resistance.

Developed especially for high durability applications. Can be used for finger jointing, edge gluing, hot pressing, cold pressing and radio frequency gluing.

Two part cross-linking adhesive developed with low VOC's present. High performance adhesive for millwork applications. High water resistance

Very fast setting for short clamp times. High solvent-resistance and good sand-ability.

Performs well in millwork applications. Excellent for lamination and edge and face gluing. High water resistance, excellent pot-life.

Performs well on Millwork, low foam production, good spreader stability, good adhesion to laminated veneer lumber and other treated wood.

Two component, low foaming adhesive for applications requiring exceptional water, heat and solvent resistance. Good spreader stability.

Shelf stable, very fast setting rate, viscosity stability, and high performance solids. Type II water resistant bond.

Formaldehyde free, one component adhesive. Designed for use with hardwood plywood veneered products that are expected to meet stringent emission standards.

Fast setting, excellent creep and heat resistance, superior solvent resistance, very low minimum use temperature, and excellent bond strength.

Most heat resistant aliphatic resin, moderately fast setting rate. Formulated for heat embossing. High solvent resistance.

Excellent creep and heat resistance, superior solvent resistance, very low minimum use temperature, and excellent bond strength.

(CONTINUED ON P. 23)

(CONTINUED FROM P. 22)

Туре	Viscosity	Description
Polyvinyl Acetate Emulsion	1300 - 2000 cPs	Low viscosity, fast setting polyvinyl emulsion adhesive. Its composition makes it easy to spread and allows for a short clamp time. Designed for automatic doweling, dovetail and general assembly applications. Sets fast to reduce assembly time, offers excellent strength and pro- vides a translucent glue line.
Polyvinyl Acetate Emulsion	3000 - 4200 cPs	Extremely fast setting, versatile and is widely used for assembly appli- cations such as cabinets.
Polyvinyl Acetate Emulsion	3000 - 4200 cPs	Moderately fast setting, allows for a long assembly time and can be used at temperatures as low as 40 °F.
Natural Protein Emulsion	Approx. 4000 cPs	Requires no mixing, heating or stirring. Superior creep-resistance, offers excellent sand-ability and is unaffected by finishes. Sensitivity to moisture allows for easy disassembly of parts.
Aliphatic Resin Emulsion	3000-4200 cPs @ 83 °F	Slower setting to allow for extended assembly times. One-component for cold pressing and assembly.
	Polyvinyl Acetate Emulsion Polyvinyl Acetate Emulsion Polyvinyl Acetate Emulsion Natural Protein Emulsion Aliphatic Resin	Polyvinyl Acetate Emulsion1300 - 2000 cPsPolyvinyl Acetate Emulsion3000 - 4200 cPsPolyvinyl Acetate Emulsion3000 - 4200 cPsNatural Protein EmulsionApprox. 4000 cPsAliphatic Resin3000-4200 cPs @ 83 °E

\* INDICATES LEADING PRODUCT

# **WOOD LAMINATING**

Product	Туре	Viscosity		
GENERAL PURPOSE A	PLICATIONS			
Advantage 415	Cross-linking Polyvinyl Acetate Emulsion	2000-3700 cPs @ 83 °F		
Advantage 310	Cross-linking Polyvinyl Acetate Emulsion	2500-3700 cPs @ 83 °F		
Advantage EP-925	Polyvinyl Acetate Emulsion	170-230 cPs		
Doorbond 200	Cross-linking Polyvinyl Acetate Emulsion	5700-8500 cPs @ 83 °F		
Multibond EP-930	Polyvinyl Acetate Emulsion	4500 - 6500 cPs		
Multibond MX-90	Cross-linking Polyvinyl Acetate Emulsion	2500-4000 cPs @ 83 °F		
Laminating 6W	Polyvinyl Acetate Emulsion	3800-5500 cPs @ 83 °F		
Multibond SK-8	Cross-linking Polyvinyl Acetate Emulsion	1900-8000 cPs @ 77 °F		
Multibond 2000	Cross-linking Polyvinyl Acetate Emulsion	3000-4300 cPs		
Multibond 2015	Cross-linking Polyvinyl Acetate Emulsion	3000-4300 cPs @ 83 °F		
Multibond 2025	Cross-linking Polyvinyl Acetate Emulsion	3600-5000 cPs @ 83 °F		
Multibond 3215	Cross-linking Polyvinyl Acetate Emulsion	3500-5500 cPs @ 83 °F		

**\*** INDICATES LEADING PRODUCT

AJ

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.

## Description

Developed especially for high durability applications. Can be used for finger jointing, edge gluing, hot pressing, cold pressing and radio frequency gluing.

Proven performance in millwork applications. Excellent for lamination and edge and face gluing. Low VOC's and high water resistance.

Two component, low foaming adhesive for applications requiring exceptional water, heat and solvent resistance. Good spreader stability.

Fast setting, one component flush door adhesive. Produces a water and heat resistant bond on various rail, stile and skin substrates.

Experimental emulsion polymer isocyanate system developed for improved radio frequency conductivity. Good spreader stability and low foam production when compared with traditional EPI adhesives.

One part cross-linking adhesive developed for hot press laminating. Water resistant, bleed through protection, and offers robust operating parameters in a variety of plant conditions.

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.

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.

Shelf stable, very fast setting rate, viscosity stability, and high performance solids. Type II water resistant bond.

Developed for a wide range of laminating. Highly water resistant and offers additional protection from bleed-through on veneers.

Water resistant and offers additional protection from bleed-through on veneers. Has a slower setting speed to allow for longer lay up times.

Specially formulated with an additive that allows for easier clean-up on clamping and pressing equipment than traditional PVA's. It is highly water resistant and offers additional protection from bleed-through on veneers.

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Product	Туре	Viscosity	Description
GENERAL PURPOSE A	PPLICATIONS (CONT'D)	-	
Multibond 4000 FF	Polyvinyl Acetate Emulsion	2250 - 3750 cPs	Formaldehyde free, one component adhesive. Designed for use with hardwood plywood veneered products that are expected to meet stringent emission standards.
Multibond 2005	Cross-linking Polyvinyl Acetate Emulsion	3000-4300 cPs	Formulated to give more working time and better bleed through protection than Multibond 2000.
Covinax 370-01	Vinyl Acrylic	2000-3000 cPs @ 77 °F	It exhibits very aggressive tack after drying. The cellulosic colloid, which is the primary stabilizer in Covinax 370-01, imparts a thixotropic rheology to the wet polymer. It also improves the water resistance of the dry film. Covinax 370-01 can be coated successfully on roll coaters or it can be extruded in beads.
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.
Willbond 10	Polyvinyl Acetate Emulsion	3000 - 4500 cPs	Cost effective, fast setting adhesive. It can be used at temperatures as low as 35°F and allows for a short clamp time. Willbond 10 is primarily intended for general assembly and selected laminating applications.
X-683 EXP	Polyvinyl Acetate Emulsion	3200 - 6550 cPs	Excellent in heated nip roll and dead stack operations. Can be cold pressed. Great green strength and tensile strength. Formaldehyde-free
AJ 780 B	Elastomeric Contact Adhesive	100 - 200 cPs	Sprayable or brushable elastomeric contact adhesive formulated for adhering supported vinyl to coated finishes and laminates to wood, metal, etc.

**\*** INDICATES LEADING PRODUCT

# **FINGER JOINTING**

Product	Туре	Viscosity		
Advantage 160	Cross-linking Polyvinyl Acetate Emulsion	1700-5300 cPs @ 83 °F		
Advantage 310	Cross-linking Polyvinyl Acetate Emulsion	2500-3700 cPs @ 83 °F		
Advantage 425	Cross-linking Polyvinyl Acetate Emulsion	2000 - 3000 cPs		
Advantage 415	Cross-linking Polyvinyl Acetate Emulsion	2000-3700 cPs @ 83 °F		
Advantage 440 DEV	Cross-linking Polyvinyl Acetate Emulsion	2000-4300 cPs @ 83 °F		
Multibond EZ-2	Cross-linking Polyvinyl Acetate Emulsion	2500-4000 cPs @ 83 °F		
Multibond 2000	Cross-linking Polyvinyl Acetate Emulsion	3000-4300 cPs		
Woodbond 1910	Cross-linking Polyvinyl Acetate Emulsion	4400 - 6800 cPs		
ReacTITE 8243 DEV	Polyurethane Adhesive	2400 - 5600 cPs		
* INDICATES LEADING PRODUCT				

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.

## Description

Highly water resistant. Good catalyzed pot life and ideal for finger jointing, edge gluing, radio frequency applications and hot pressing.

Proven performance in millwork applications. Excellent for lamination and edge and face gluing in radio frequency equipment. Low VOC's, high water resistance.

Shear thinning rheology for easy application and a low minimum use temperature.

Two part cross-linking polyvinyl adhesive developed especially for high durability applications.

Two part cross-linking polyvinyl acetate emulsion adhesive developed with low VOC's present.

One part cross-linking polyvinyl acetate emulsion adhesive developed with a low minimum use temperature for use in a wide variety of plant conditions.

Shelf stable, very fast setting rate, viscosity stability, and high performance solids. Type II water resistant bond.

One part polyvinyl emulsion which has met the requirements of the ASTM D-5572 Dry Use standard. Offers excellent handling properties, high heat resistance, and easy extrusion.

One component, moisture curing adhesive designed for finger jointing applications. It is a 100% solids adhesive that eliminates the VOC's and waste associated with many traditional adhesives. Requires no mixing.

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	Туре	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.	

Product	Туре	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.



# **HOT MELT GLUE STICKS**

Product	Viscosity	Temperature
ST11	10,600 ± 500 cPs @ 350 °F	350 ° - 375 °F
ST39	1,200 ± 100 cPs @ 350 °F	340 ° - 375 °F
ST51	2,500 ± 300 cPs @ 350 °F	350 ° - 375 °F
ST74	1,400 ± 100 cPs @ 350 °F	250 ° - 375 °F
ST155	5,450 ± 500 cPs @ 350 °F	350 °F - 375 °F
ST247	Approx. 11,000 cPs	350 ° - 375 °F
ST170	1,950 ± 150 cPs @ 350 °F	350 ° - 400 °F
ST16	14,000 ± 500 cPs @ 350 °F	350 ° - 375 °F
ST213	11,000 ± 2000 cPs @ 350 °F	340 ° - 375 °F
ST19	4,200 ± 420 cPs @ 350 °F	248 ° - 265°F
ST220	8,500 ± 10% cPs	340 ° - 375 °F
Versatac	Approx. 4800 cPs	380 °F - 420 °F

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.

## Description

Formulated as a clear drying, general purpose hot melt. Suggested for uses with wood, corrugated, and some plastics.

Formulated as a fast setting hot melt glue stick, which has good heat and cold resistance. Used for application with paper and corrugated.

Formulated as a light amber colored, general purpose hot melt. Suggested uses include case & carton seal and general purpose packaging applications.

Dual temperature, medium to slow setting hot melt glue stick, which offers good cold resistance. May be used for freezer applications.

Clear drying, general purpose hot melt. Used with wood, corrugated, upholstery, and some plastics.

Developed to adhere difficult to bond substrates including plastics, cellulose, wood, and many other dissimilar substrates Excellent flexibility.

Light amber colored, medium setting hot melt glue stick with aggressive tack.

Transparent, clear drying, general purpose hot melt adhesive.

Opaque, white colored, slow to medium setting hot melt glue stick.

Frosty, white clear, drying general purpose low temperature hot melt.

Translucent, white colored, medium setting hot melt glue stick. Bonds multiple substrates including plastic, wood, paper, metal, and upholstery.

Amorphous hot melt adhesive developed for difficult to bond substrates with high performance requirements. Remains tough in elevated temperatures with good low temperature flexibility.

AJ Adhesives offers a complete line of engineered structural adhesives consisting of no mix structurals, UV curables, one and two part epoxies, and twopart 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
RP SERIES - RUBBER &	& PLASTIC BONDING				
RP-5	2700/4300	5 cPs	< 5 Sec/8 Hrs.	-65 ° to +200 °F	General purpose instant adhesives ideal for rubber and plastic bonding.
RP-45	2700/4300	45 cPs	< 10 Sec/8 Hrs.	-65 ° to +200 °F	
RP-100	2700/4300	100 cPs	< 8 Sec/8 Hrs	-65 ° to +200 °F	Versatile product line
RP-500	2700/4300	500 cPs	< 10 Sec/8 Hrs.	-65 ° to +200 °F	offering a complete range of viscosities and cure times.
RP-1000	2700/4300	1000 cPs	< 15 Sec/8 Hrs.	-65 ° to +200 °F	
RP-1500	2700/4300	1500 cPs	< 15 Sec/8 Hrs	-65 ° to +200 °F	
RP-2000	2700/4300	2000 cPs	< 15 Sec/8 Hrs.	-65 ° to +200 °F	
SI SERIES - SURFACE I	INSENSITIVE				
SI-120	2800/4200	120 cPs	< 8 Sec/8 Hrs	-65 ° to +200 °F	Used in applications that
SI-500	2800/4200	500 cPs	< 8 Sec/8 Hrs	-65 ° to +200 °F	require exceptionally fast
SI-1000	2800/4200	1000 cPs	< 8 Sec/8 Hrs	-65 ° to +200 °F	cure speeds, difficult to bond surfaces, and acidic
SI-3200	2800/4200	3200 cPs	< 10 Sec/8 Hrs	-65 ° to +200 °F	surfaces.
FS SERIES - FAST SET	TING				-
FS-30	2700/4200	30 cPs	< 2.5 Sec/4Hrs.	-65 ° to +200 °F	Used where low moisture conditions exist and/
FS-500	2700/4200	500 cPs	< 5 Sec/4 Hrs.	-65 ° to +200 °F	or exceptionally fast
FS-1000	2700/4200	1000 cPs	< 7.5 Sec/4 Hrs.	-65 ° to +200 °F	fixture times are desired. Bonds to a wide range of
FS-2000	2700/4200	2000 cPs	< 7.5 Sec/4 Hrs.	-65 ° to +200 °F	materials.
FS-4000	2700/4200	4000 cPs	< 7.5 Sec/4 Hrs.	-65 ° to +200 °F	
TS SERIES - CLEAR, TO	DUGHENED INSTANT A	DHESIVES			
TS-300	3750	300 cPs	< 10 sec/8 Hrs.	-65 ° to +250 °F	Excellent impact resis- tance and thermo-cy-
TS-800	3750	1000 cPs	< 15 sec/8 Hrs.	-65 ° to +250 °F	cling properties. Ideal
TS-2400	3750	4000 cPs	< 18 Sec/8 Hrs.	-65 ° to +250 °F	for bonding dissimilar materials on a wide range
TS-4000	3750	10000 cPs	< 20 Sec/8 Hrs.	-65 ° to +250 °F	of surfaces.

escription
nt high end
ature resistance. r applications that
have a high degree of temperature cycling and/
ided operation at
d temperatures.
grade instant
es. These prod- ve USP Class VI
ation and are used
nbling medical

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

AJ

(CONTINUED ON P. 30)

ĄJ 30

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.



# **METHACRYLATES**

Product	Strength	Viscosity	Temperature	Description
MP 5300 SERIES - M	AXIMUM PERFORM	ANCE UV CURABLES		
MP-53301	4000 psi	200 cPs	-60 ° to +350 °F	Ideal for tight fitting plastic components, PVC tubing, polycar- bonate. Creates flexible joint when cured.
MP 5400 SERIES - M	AXIMUM PERFORM	ANCE EPOXIES		
MP-5401	6770 psi	Paste	-40 ° To 400 °F	One part, heat cure, forms a tough durable bond. Excellent high performance at elevated temps and superior sag control.
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-54421	4000-5000 psi	43,000 cPs	-60 ° to +250 °F	High performance epoxy, excellent shear and peel strength. High viscosity for maximum gap filling.
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.
MP-5430	2000-4000 psi	13,000 cPs	-60 ° to +250 °F	General purpose, 20 minute worklife. Amber color, forms a rough, rigid bond.
MP-54750	7500 psi	12000 cPs	-60 ° to +250 °F	Versatile epoxy used for bonding and potting applications. Excellent resistance to water, acids, bases, and most organic solvents.

Product	Viscosity	Temperature	
MP 5500 SERIES - N	AXIMUM PERFORM	ANCE METHACRYLATES	
MP-55300	Non-Sag	-55 °F to 225 °F	General pur
MP-55305	Non-Sag	-55 °F to 225 °F	High impa
MP-55310	120,000 cPs	-55 °F to 225 °F	Excellent m
MP-55330	Non-Sag	-55 °F to 225 °F	High imp
MP-53350	Non-Sag	-55 °F to 225 °F	Long ope
MP-55420	Non-Sag	-55 °F to 225 °F	High perf range of

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

## (CONTINUED FROM P. 31)

## Description

urpose used for bonding plastics and metal components. Fast cure time for high speed assembly.

act resistance for metals and plastics. Tough, flexible adhesive with a fast cure time for high speed assembly.

netal bonder with good results on plastics as well. Medium cure speed for part positioning and adjustment.

pact, maximum flexibility and elongation. High tensile shear strength. Fast cure speed.

en time with good work life. Bonds well to most plastics, composites, and metals.

rformance bonding, metal, aluminum, composite materials, FRP, wide f plastics. Tough durable bonds with excellent aging and weathering properties.

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

MA

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



# **ANAEROBICS**

	Product	Viscosity	Temperature	Description
	THREAD LOCKERS			
	TORQUE 21 TL	200 cPs LT	-60 °F to 350 °F	Low strength thread-locking, low-viscosity, for small screws, easy disassembly.
	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 41 TL	200 cPs MT	-60 °F to 350 °F	Medium strength thread-locking. Low viscosity for fine tolerances and small diameter fasteners.
	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.
ſ	TORQUE 43 TL	5000 cPs MT	-60 °F to 350 °F	Medium strength, high viscosity. Improved oil resistance, larger diameter fasteners, removable.
	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 71 TL	500 cPs MT	-60 °F to 350 °F	High strength, permanent thread-locking. Ideal for fasteners up to 1"
	TORQUE 72 TL	9000 cPs MT	-60 °F to 450 °F	High strength, permanent thread-locking. Excellent high temperature properties 450° F.
	TORQUE 77 TL	7000 cPs MT	-60 °F to 350 °F	High strength, permanent thread-locking. Higher viscosity for diameters over 1'
	TORQUE 90 TL	12 cPs LT	-60 °F to 350 °F	High strength, wicking grade. Ideal for post application to preassembled fasten- ers. Penetrates threads by capillary action. Secures screws, bolts, seals welds, porous metal parts
	THREAD SEALERS			
	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.
	TORQUE 165	300,000 cPs	-60 °F to 350 °F	Controlled strength pipe sealant for easy disassembly. General purpose, instant sealing. Packaged in: 50 mil tube, 250 mil tube, 1 liter container, 75 mil accordion, and 125 mil accordion

(CONTINUED ON P. 34)

Product	Viscosity	Temperature	
THREADSEALERS (C	ONT'D)		
TORQUE 165	300,000 cPs	-60 °F to 350 °F	Controlled sealing. Pac
TORQUE 170	4,500 cPs	-60 °F to 400 °F	Easy disas viscosity
TORQUE 171	40,000 cPs	-60 °F to 350 °F	High viscos Packagec
TORQUE 172	750 cPs	-60 °F to 350 °F	Low stre
TORQUE 173	500 cPs	-60 °F to 350 °F	Hydraulio Medium st
TORQUE 174	3,500 cPs	-60 °F to 350 °F	Hydraulic s streng
TORQUE 175	4,000 cPs	-60 °F to 350 °F	Medium st thermo-cyc
TORQUE 176	20,000 cPs	-60 °F to 350 °F	Medium st tu
TORQUE 177	90,000 cPs	-60 °F to 350 °F	Fast curing 50
TORQUE 181	3,500 cPs	-60 °F to 450 °F	Fast curing Pa
TORQUE 193	475,000 cPs	-60 °F to 450 °F	Excellent Packag
RETAINING COMPOU	INDS		
TORQUE 03 RC	125 cPs	-65 °F to 350 °F	E
			(
TORQUE 09 RC	125 cPs	-65 °F to 350 °F	р
TORQUE 20 RC	8500 cPs	-65 °F to 450 °F	
TORQUE 35 RC	2000 cPs	-65 °F to 350 °F	Medium vis

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

## (CONTINUED FROM P. 33)

## Description

ed strength pipe sealant for easy disassembly. General purpose, instant lackaged in: 50 mil tube, 250 mil tube, 1 liter container, 75 mil accordion, and 125 mil accordion

ssembly thread sealant. Seals and prevents vibration loosening. Lower ty for better flow and ease of application. Packaged in: 50 mil bottle, 250 mil bottle, and 1 liter container.

osity, fast fixturing sealant. Controlled strength for ease of disassembly. ed in: 50 mil tube, 250 mil tube, 1 liter container, 75 mil accordion, and 125 mil accordion.

ength sealant for small threads and pneumatic fittings. Packaged in: 50 mil bottle, 250 mil bottle, and 1 liter container.

lic sealant, general purpose, fittings up to 3/4". Ideal for fine threads. trength. Packaged in: 50 mil bottle, 250 mil bottle, and 1 liter container

sealant, high viscosity, thixotropic. Ideal for larger tolerances. Medium gth. Packaged in: 50 mil bottle, 250 mil bottle, and 1 liter container

strength, flexible sealant. Ideal for steam systems, dissimilar parts, and ycling applications. Replaces soldering copper fittings. Packaged in: 50 mil bottle, 250 mil bottle, 1 liter container.

trength sealant for larger tolerances. Packaged in: 50 mil tube, 250 mil ube, 1 liter container, 75 mil accordion, and 125 mil accordion.

ng 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.

g, high strength, high temperature thread sealant, for larger tolerances. Packaged in: 50 mil bottle, 250 mil bottle, and 1 liter container.

nt for stainless steel. Good temperature resistance. Easy disassembly. Iged in: 50 mil tube, 250 mil tube, 1 liter container, 75 mil accordion, and 125 mil accordion.

Excellent for oily surfaces and other contamination. Prevents corrosion, provides strength up to 3,800 psi, temperature resistance 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

High strength, high temperature retaining compound. Shear strength up to 4,000 psi, radial clearance up to .015". Fixtures in under 15 minutes.

scosity, ideal for slip fitted parts. Fixtures in 10 minutes, shear strength up to 4,200 psi, temperature up to 350° F.

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	Туре	Viscosity	Description
	SPECIALTY SEALAN	ITS		
/	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.
	140	Marine Boat Decking	35 °F - 140 °F	Designed to produce a flexible joint sealant in most applications without a primer. Has excellent adhesive bonding to various substrates including fiberglass, steel, most plastics and porous and non-porous surfaces.
	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.
	180	Insulation Anchor Pin System Adhesive	35 °F - 140 °F	One component moisture curing adheisve featuring immediate grab and high bond strength allowing insulation to be hung in 24 hours.
	200	Truck/Bus/Auto Sealant	35 °F - 140 °F	Designed to resist all of the on-the-road flexing and vibration. Is a fast curing and provides permanent elastic adhesion to most surfaces.
	FIRESTOP PRODUC	TS		
	136	Fireblock/Draftstop Sealant	40 °F - 110 °F	Single component noncombustible filler caulking used for fireblocking applica- tions in the annular space around wires, pipes, ducts, vents, cable lines and other penetrations to the building envelope.
	139	Hi-Temp Mortar	40 °F - 110 °F	Non combustible silicate cement that can withstand extremely high temperatures.
	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.

	Product	Туре	Viscosity	
	FIRESTOP PRODUC	rs (cont'd)		
	812	Fire Block Foam	40 °F - 115 °F	Prevents the
	813	Expanding Firestop Foam	40 °F - 115 °F	Can be use
	814	Intumescent Latex Firestop Sealant	40 °F - 110 °F	One par
	816	Intumescent Firestop Sealant	40 °F - 110 °F	Fire ra
	INDUSTRIAL SEALA	NTS		
	310	RTV Industrial Silicone Sealant	-35 °F - 140 °F	One-part
	314	RTV Silicone Sealant	-35 °F - 140 °F	Suitable fo to a varie
	315	RTV 100% Silicone Sealant	-35 °F - 140 °F	Paste-like
	323	Hi-Temp Blue Gasket Masker	-85 °F - 400 °F	One-part,
	325	RTV Neutral Self-Leveling Silicone	-85 °F - 450 °F	Features a
	326	Hi-Temp Red Silicone	-35 °F - 140 °F	One-part,
	327	Hi-Temp Red Silicone	-35 °F - 140 °F	Formula
	395	Neutral Non-Cor- rosive Industrial Silicone		High perf and electri
	398	Neutral Non-Cor- rosive Premium Silicone	-35 °F - 140 °F	Can be use
	SILICONE GREASES	& COMPOUNDS		
	411	Silicone GeneralPur- pose Compound	-40 °F - 400 °F	Extremely ou
	416	Silicone General Purpose Compound	-40 °F - 400 °F	
	440	Silicone General Purpose Compound	-65 °F - 400 °F	Designed fo tus
	470	Silicone General Purpose Compound	-65 °F - 400 °F	Designed preve
-	755	O'Ring Lubricant Sil- icone Compound	-80 °F - 350 °F	Soap thicke
	CONTRUCTION SEA	LANTS & CAULKS		
	312	100% Silicone HVAC/R		Premium
	333	Polyurethane Expanding Foam	40 °F - 115 °F	Ready-to-u
	334	Window & Door Minimal Expanding Gun Foam	40 °F - 115 °F	Formula

Gun Foam

(CONTINUED ON P. 36)

AJ

(CONTINUED FROM P. 35)
Description
e spread of smoke and toxic gasses from one compartment to another, thereby slowing down the spread of fire.
ed on any commercial or residential construction where the code calls for a UL system for penetration of cables, etc.
t, elastomeric firestop sealant that expands when exposed to fire or extreme heat, forming and insulated char.
ted, general purpose sealant for use on through-penetrations and construction joints.
t acetoxy cure adhesive sealant that is suitable for general industrial sealing and adhesive applications.
or industrial sealing and adhesive applications with excellent adhesion ety of substrates. Features good resistance to weathering, vibration, moisture, ozone and extreme temperatures.
, one component material which cures to a tough, rubbery solid when exposed to moisture in the air.
non-slumping paste that cures to a tough, rubbery solid at room tem- perature on exposure to water vapor in the air.
low viscosity that allows it to fill minute crevices and voids in potting and sealing applications.
non-slumping paste that cures to a tough, rubbery solid at room tem- perature on exposure to water vapor in the air.
ated for bonding, sealing and encapsulating applications exposed to continuous temperatures as high as 500 °F.
formance, one component adhesive/sealant formulated for industrial ical applications. Remains permanently flexible, and exhibits excellent adhesion to a wide variety of substrates.
ed to meet a variety of general industrial sealing and gasketing needs.
stiff, tacky, tenacious compound with excellent water repellency. Has utstanding high temperature and vacuum capabilities as well.
Designed for use as a water repellent, sealing compound.
or use as a protectorant compound for electrical and electronic appara- s to prevent electrical power from migrating between circuitry.
d as a release agent and surface protectorant. Extremely effective in enting moisture and corrosive penetration onto coated surfaces.
ened grease based on a blend of diester and a silicone fluids. Designed for use in applications that require controlled rubber swell.

one-part acetoxy cure adhesive sealant which can be used to meet a variety of sealing and gasketing needs.

use, multi-purpose foam that expands to three times its original volume on contact with air.

lated to seal the gap around window and door frame and the rough opening. Expands to generate an effective seal.

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(CONTINUED FROM P. 36) Description		Viscosity	Туре	Product
boonprion			ALANTS & CAULKS (CON	
iding and installation of all types of plastic foams.	Designed for the bonding a	40 °F - 100 °F	Multi-purpose Con- struction Adhesive	348
and exterior use. Cures to form a flexible, non-yellowing leeding and is compatible with a variety of substrates.		40 °F - 110 °F	Painters Latex Caulk	357
ble, air seal and weatherization sealant formulated to ng lasting, flexible, weatherproof seals.		40 °F - 110 °F	Sealant Siliconized Latex	360
d showers, baths, tubs, tiles, backsplashes and sinks.	Developed for use around show	40 °F - 110 °F	100% Acrylic Tub N' Tile Caulk	362
and exterior use. Forms a tough, flexible resilient bond all building material surfaces.		40 °F - 110 °F	Sealant Acrylic Latex Caulk with Silicone	363
bited, paintable sealant. Specifically formulated for high joint movement.		40 °F - 110 °F	Sealant Elastomeric Acrylic Caulk	364
lly formulated for high joint movement.	Specifically form	40 °F - 110 °F	100% Acrylic Elas- tomeric w/ Silicone	365
product for sealing standing seam roofs and side walls.	One component skinning product	-35 °F - 140 °F	Butyl Rubber Sealant	368
resive sealant that is suitable for general heating, venti- nditioning sealing and adhesive applications.		-35 °F - 140 °F	HVAC Silicone	370
paste that cures to a tough, rubbery solid at room tem- on exposure to water vapor in the air.		-35 °F - 140 °F	Hi-Temp HVAC/R Silicone	376
hesive that is suitable for general construction sealing and adhesive applications.		-35 °F - 140 °F	RV Mobile Home Silicone	378
uction sealing and adhesive applications. Will adhere to etal, glass, many types of woods, etc.		-35 °F - 140 °F	Contractor's Silicone	380
bus surfaces around ceramic tile, showers, tubs, sinks where conditions of high humidity and temperature extremes exist.	and plumbing fixtures where	-35 °F - 140 °F	Tub & Tile Silicone	385
g silicone sealant suitable for use in a broad range of applications.	One-part moisture curing silico	-35 °F - 140 °F	Universal Silicone	387
types of gutters, downspouts, ducts and ventilators.	Designed for sealing all types	-35 °F - 140 °F	Gutter-Seal	393
outstanding adhesion to most building materials.	Formulated to offer outsta	-35 °F - 140 °F	Window & Siding/ Cladding Sealant	396

Formulated for the window and door glazing market. Offers primerless adhesion

to vinyl, wood and aluminum

Formulated for the siding and window market. Offers primerless adhesion to

vinyl, wood, aluminum, brick, concrete and fiber cement. Paintable, mildew resistant, rust inhibited sealant. Specifically formulat-

ed for high joint movement.

Formulated to reduce sound transmission in all types of wall partition systems.

100% Glazing

Silicone Sealant

Siding & Window

Sealant

Siding Sealant

Acoustical Sound

Sealant

399

400

401

826

-35 °F - 140 °F

-35 °F - 140 °F

40 °F - 110 °F

-35 °F - 140 °F

**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 Henke

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



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

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

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.

AJ

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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.



**ASI** 



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



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 Glue Dots**

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" ministicks 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.

# **TENSORGRIP**



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.







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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, M0 63116



# Holding North American Manufacturing Together<sup>®</sup>