



# PRODUCT APPLICATIONS

UPACO Adhesives

Paper Converting  
Adhesives Group

## ADHESIVES FOR PAPER AND KRAFT CONVERTING

### LAMINATING AND CONVERTING

We provide laminating products to convert kraft into multiple-plys using various operations, from roll coater application to silk screening, for laminating to die cutting as well as specialty adhesives for lamination of films and foils.



Product	Description
UPACO 8500-B	Modified PVA resin adhesive, for general purpose laminating at a low cost.
UPACO 6913-0	Lay flat laminating PVA for automation sheet labeling.
UPACO 6936-1	General purpose kraft-to-kraft laminating adhesive, good stability for rod or roll metering
UPACO R624-B	High tack adhesive for laminating heavy kraft, fast set speed.
UPACO R563-B	Laminating adhesive for release liner-to-kraft, heat resistant liner adhesive for hot fill products.
UPACO R464-C	Form press adhesive, good tack to hold heavy kraft while laminating and die cutting.
UPACO 6865-0	Silkscreen press adhesive, clean transfer upon wiping, excellent rewet on press.

### COATINGS FOR KRAFT LINER PRODUCTION

Base Coatings, pigmented or natural, provide good surfaces for laminating or printing operations. Functional coatings provide high moisture and grease resistance while maintaining re-pulpability. Overprint varnishes provide print protection, gloss, and hot rub resistance.

Product	Description
UPACO R687-A	Natural colored base coating, provides smooth surface for coating or laminating processes.
UPACO R719-A	Food contact coating for inner liner, thawing meat release, moisture and grease resistant.
UPACO 8960-0	High barrier coating for high MVTR requirements, apply over R687-A between laminations.
UPACO R734-A	Pigmented white preprint coating, hides imperfections of recycled paper stock.
UPACO R749-A	Water-based overprint varnish, provides tough, rub resistant coating with good block resistance.

### PAPER TUBE & CORE WINDING

Adhesives provide degrees of stiffness and set speeds for specific performance characteristics.

Product	Description
UPACO 6316-6	High tack dextrin, high solids, fast setting, for heavy kraft.
UPACO 8121-0	Modified resin-based adhesive for heavy kraft, high stiffness and water resistance.
UPACO 8501-0	Modified PVA resin, for light gauge tubes, consumer wraps and foils.

### ADHESIVES FOR FOLDER GLUERS OR WRAPPERS

Water-based adhesives for converting corrugated sheets into boxes. We supply glue laps in various solids and set speeds as well as for coated corrugated. These can double as cold sets for sealing boxes in packaging operations.



ADHESIVES FOR PAPER AND KRAFT CONVERTING

(ADHESIVES FOR FOLDER GLUERS OR WRAPPERS)

Product	Description
UPACO 8121-0	General-purpose adhesive for plain uncoated corrugated, good water and heat resistance.
UPACO 8104-5	Higher solids version of above, for faster set speed and improved adhesion.
UPACO 6617-0	Resin-based glue lap adhesive for manufacturer's joint; plain uncoated corrugated.
UPACO 6937-0	Water based lap paste for high-speed box forming from corrugated, adhesion to coatings.
UPACO 6739-0	Water based glue lap for wax coated corrugated or chipboard stocks.

HOT MELTS FOR CORRUGATED

Supplied in various set speeds, viscosities, and adhesion characteristics.

Product	Description
UPACO 9208-1	Quick set hot melt, suitable for high-speed operations in box constructions.
UPACO 9257-2	Hot melt, for folds or seaming involving waxed, polycoated or film laminated substrates.

DEXTRINS, PASTES, AND MISCELLANEOUS PRODUCTS

Product	Description
UPACO 6309-4	High tack dextrin for high-speed operations.
UPACO 6333-0	Highly tackified starch paste for use as flying splice adhesive, long open time.
UPACO 6328-2	Starch-based paste for kraft, good tack and flow.
UPACO 6301-0	High viscosity paste, for pasters with top loading pots.
UPACO 6936-1	Water-based, nozzle extrudable adhesive, for box forming operations.
UPACO 9208-1	Hot melt for corrugated gluing, fast set speed for short assembly time, assist for water- based.
UPACO R699-A	Water-based self seal adhesive, pre-applied to box flaps and sealed by packager with mild compression.
UPACO 8966-C	Water-based heat seal adhesive, pre-applied to substrate, non-blocking, reactivates at 225° F.

The UPACO Adhesives Division of Worthen Industries takes pride in offering high quality products and service to manufacturers since 1866. UPACO manufactures a variety of water-based, hot melt, and solvent adhesives used for paper converting, food packaging, industrial, and general packaging. We supply protective gloss paper coatings and overprint vanishes for paper of various weights. In addition, we have adhesives for paper, foil, or polyolefin laminates, and products for forming or sealing bags, cartons, and boxes. We will develop custom products to solve specific application problems.

Call UPACO Adhesives at (800) 446-9984 for additional information.



UPACO Adhesives Group  
Worthen Industries, Inc.  
4105 Castlewood Road  
Richmond, VA 23234

(804) 275-9231  
(800) 446-9984  
Fax: (804) 743-8366  
www.worthenindustries.com