



PRODUCT APPLICATIONS

UPACO Adhesives

Paper Converting Adhesives Group

BOOKBINDING, PADDING, PRODUCTS FOR PRINTERS

The UPACO Division of Worthen Industries has offered adhesives for journal and bookbinding for over 30 years. We offer older products such as UPACO 9228-7 for hard cover binding that has a long bind life. Journal binders interested in low odor and long pot life will find these properties balanced with aggressive bonds through UPACO R871-A. Alternatively, for high throughput binders interested in a versatile product for high speeds with high page pulls for a variety of coated stocks, we offer UPACO 9323-6.



HOT MELTS FOR PERFECT BINDING & PADDING

Product	Description	Operating Temperature	Viscosity	Applications
UPACO 9421-2	Low viscosity for clean machining, long pot life, low odor, long bind life	300-350 °F	3400 cps @ 325 °F	Padding and journal binding, natural white spine
UPACO R871-A	Long open-time, high hot-tack, low viscosity	300-350 °F	5800 cps @ 325 °F	Aggressive bonding adhesive for coated stocks and off-white bind for exposed spines
UPACO 9323-6	Excellent penetration into coated page stocks, good cover adhesion, good crack resistance	325-375 °F	5500 cps @ 350 °F	High speed journal and paperback binding,
UPACO 9228-7	Excellent hot tack and bond strength, crack resistant, very long life binds	325-375 °F	7200cps @ 350 °F	Book binding for hard cover and large books

WATER BASED ADHESIVES

UPACO manufactures a variety of products with lay flatness for paper-to-paper bonding. Dextrin products offer clean machining for business form collating, lay flat laminating, and labeling. Resin adhesives provide stronger bonds to coatings and better environmental resistance.

Product	Description	Solids	Viscosity	Applications	Method
UPACO 6301-0	Dextrin stiff-bodied paste with high wet tack, natural white, scoopable, smooth coating with agitation	40%	75,000 cps(stirred)	Paper-to-paper pasting	Top-load paste pot applicators
UPACO 6315-0	Versatile low viscosity dextrin with fast set speed	28%	375 cps	Paper-to-paper, newsprint labeling	Wheel or roll coat applicators
UPACO 6318-0	Medium bodied dextrin with good wet tack and open time, amber colored	37%	750 cps	Paper-to-paper requiring open time	Roller applicators



BOOKBINDING, PADDING, PRODUCTS FOR PRINTERS

(WATER BASED ADHESIVES)

Product	Description	Solids	Viscosity	Applications	Method
UPACO 6320-0	Collating adhesive, black colored liquid dextrin with lay-flatness	64%	3500 cps	Collating forms	Wheel or higher speed nozzle applicators
UPACO 6402-5	Lay-flat laminating adhesive, green colored liquid dextrin	66%	1800 cps	Paper and paperboard laminating, collating	Wheel or roll coat
UPACO 6603-0	Pressure sensitive adhesive for permanent bonding	36%	1400 cps	Permanent paper labeling of gloss coated covers on journals, magazines	Cheshire labeler, wheel or roll coat
UPACO 6913-0	Lay-flat vinyl acetate white glue resin	39%	1300 cps	Inner leaf, various gluing operations, uncoated paper to paper	Wheel or roll coat
UPACO 6939-0	Vinyl acetate for coated paper, non-skinning in adhesive pot	55%	1800 cps	Stronger bonds to various coatings, journal labeling	Nozzle, wheel or roll coat
UPACO HS66C	Heat seal adhesive, non-blocking, fast reactivation at 225° F, deep fiber tear	39%	1500 cps	Pre-applied to book covers, inner leaf	Wheel or roll coat, metered rod

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.



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