



ADHESIVES FOR CIGARETTE MANUFACTURING AND PACKAGING

UPACO manufactures a complete line of custom designed adhesives for tobacco rod seaming, filter manufacturing, tipping, and packaging. These adhesives have proven performance on the many different machine designs and speeds used today. The use of corked, perforated, and porous papers require products designed specifically for the substrate. In addition, packaging has progressed from simple soft packs to foil laminated or metalized flip top boxes that are constructed and sealed at high speeds. UPACO offers products customized for the various applications and designed to provide consistent, problem free performance. A sampling of products we offer for the cigarette industry follows.



FILTER MANUFACTURING

Adhesives for filter manufacturing have been developed to match the design of the gravity feed equipment as well as the porosity of the plug paper to be used. We designed our products with excellent stability and flow characteristics for consistent extrusion. In addition, specialty formulations run on high porosity plug wrap with low bleed through, thus reducing build up on equipment or blocking of filters.

Product	Description
Tow Anchor (Internal Glue Line)	
UPACO 6732-0	Modified PVA, for regular porosity plug wraps, typical gravity feed systems.
UPACO 6735-A	Modified PVA, designed for porous plug wrap, low buildup on transfer drum.
UPACO 9398-2	Hot melt for combination filter, flexible, nearly clear, also for use in seaming.
Plug Seaming	
UPACO 9398-2	Hot Melt for combination (including seaming) with low bleed through, also good for porous plug wrap.
UPACO 9286-6	Natural white hot melt for typical porosity plug wrap, high viscosity for lay up and fast set
UPACO 6867-0	Modified Vinyl Acetate, high solids for fast set speed, pump or gravity feed.

CIGARETTE MAKER ADHESIVES

Our primary tobacco rod seaming product displays an unusual flexibility to operate on different makers under different speeds. Tipping adhesives designed to operate in the various glue pot/applicator designs and to accommodate the operating speed. These products have been formulated for high pot stability, excellent paper wetting and penetration to prevent skipping or air bleeders, fast set speeds (fiber tear directly off the exit belt) and low build up.

Product	Description
Rod Seaming	
UPACO 6663-47	Modified Vinyl Acetate, plasticizer free, for both wood and flax, excellent wet tack for high speeds.
UPACO 6697-B	Modified Vinyl Acetate, plasticizer free, for Protos and similar extrusion, various seaming speeds.



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(CIGARETTE MAKER ADHESIVES)

Product	Description
Rod Seaming	
UPACO 6867-0	Modified Vinyl Acetate, plasticizer free, for very low viscosity requirements.
Tipping	
UPACO 6627-0	Modified Vinyl Acetate, older, slower speed equipment (under 1000 cpm).
UPACO 6830-0	Modified Vinyl Acetate, manufacturing equipment running 500-5000 cpm.
UPACO 6852-B	Modified Vinyl Acetate, Mark 9 Max S; Protos Max 80; Max 90; speeds of 5000 cpm and greater.

We have many other adhesives for cigarette manufacturing. Please enquire.

ADHESIVES FOR PACKAGING

We designed our packaging adhesives for high-speed performance with low buildup on equipment to ensure minimal downtime. The flip top box adhesive has an excellent record on the most difficult inked and foil coated blanks on high-speed equipment.

Product	Description
Soft Pack Label and Closure	
UPACO 6315-0	Dextrin, Soft Pack Label.
UPACO 6819-0	Dextrin, Soft Pack Label, High Speeds.
UPACO 6350-0	Resin/Dextrin for GD Packers.
UPACO 6905-0	Resin for closures (foil adhesion).
UPACO 9208-1	Hot Melt for Alpha Packers and closure.
Tax Stamp	
UPACO 6315-0	Low Viscosity Dextrin, fast setting.
UPACO 6316-6	Higher Viscosity Dextrin.
Tear Tape Wax	
UPACO 9902-F	Wax based hot melt for all wrappers.
Flip Top Box and Inner Frames	
UPACO 6905-0	Resin with excellent adhesion to foil laminated, metalized print on GDX2, Focke 700.
UPACO 6912-0	Resin for spray nozzle application (Kaymich, Valco).
UPACO 6789-0	High Tack Adhesive for 6's sample packers.



ADHESIVES FOR CIGARETTE MANUFACTURING AND PACKAGING

(ADHESIVES FOR PACKAGING)

Product	Description
Carton and Flap	
UPACO 6315-0	Dextrin for Slower Speed Packers.
UPACO 6905-0	Resin for GD 4350 and 600 Packers, excellent on foil.
UPACO 6931-0	Resin for GD 600 Packers.
UPACO 6939-0	Resin, low skinning or build up.
UPACO R1046	Hot Melt for Sasib Packer.
Top Flap Temporary Seal	
UPACO 8132-A	Resin "lock and pop" for reopening carton tops for stamping for GD and Focke 700 Packers.
UPACO 9399-A	Hot Melt "lock and pop" for Sasib, Delta, and Focke.
Case Seal	
UPACO 9208-1	High speed hot melt with excellent pot stability for all case sealers.
UPACO 9359-1	Lower operating temperature "Low Burn" hot melt for lower maintenance and safer operation.

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