



# PRODUCT APPLICATIONS

UPACO Adhesives

Foam Fabricating  
Adhesives Group

## WATER-BASED ADHESIVES FOR FOAM FABRICATING

UPACO offers a variety of water-based products for foam fabricating. We designed each product to fit a specific fabricating need. Whichever product best fits your requirements, be assured, we provide the best water-based fabricating adhesives in the market today.



## FABOND PRODUCTS: SPRAY & STICK ADHESIVES FOR FOAM FABRICATION

### One-Part Natural Latex: (derived from a "Renewable" resource)

- FABOND 858** Versatile natural latex based adhesive for bonding of foam and fiber. Good wet tack and strong final bonds with non-dimpling, soft seams. Perfect for cushion fabrication. Allows pinching of dense foam, or applying tear strips or fabric to foam. Low cost compared to synthetic adhesives.
- FABOND 805** Designed for dense foam seat bottoms with good adhesion to wood, provides strong, heat resistant bonds without hard seams; spray-applied, dried, and pressed.

### Synthetic Spray-Applied Products:

- FABOND 914** A synthetic adhesive with high wet tack and very fast grab in foam fabrication. Capable of large, high tension parts and dense foams such as found in mattress constructions. Able to adhere fabrics. Designed for fastest possible assembly speed for a one-part adhesive. Works extremely well in fiber to fiber and fiber to foam applications.
- FABOND 780** A versatile adhesive with high wet tack and fast grab in foam fabrication. High speed of tack for foams or fiber, works well on dense foams such as seat cushions. Designed to have exceptional spray properties which make it suitable for auto spray units. Can also be roll coater-applied for laminating large foam sheets.
- FABOND 499** A synthetic one-part designed for foam to foam. Features very clean sprayability, excellent wet-tack, long tack-time and strong bonds to dense foams or visco-elastic. Lowest cost, but does not bond Dacron polyester batting, or thin fabrics such as tear strips (see Fabond 914).
- FABOND 886** Designed as a two-part adhesive for office chairs, bus seats, and automotive applications. This two-part synthetic is easy to use, uses a non-harsh coagulant, and provides very aggressive tack and bonding strength for higher density foams.



## WATER-BASED ADHESIVES FOR FOAM FABRICATING

### METHOD OF USE

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Fabond latex adhesives are applied by spraying both sides of parts to be joined. The amount of adhesive is determined by the substrates to be joined, higher density and stiff foams will require more adhesive to obtain a foam tearing bond. For furniture cushions, wrapping with fabric generally requires very little adhesive, yet the application of tear strips will require saturation of the fabric. The amount of adhesive used will change the tack and open times, the less adhesive used, the faster parts can be joined. For this reason, the least amount of adhesive needed per part should be determined, because this will lead to the maximum efficiency in a spray operation.

### TACK TIME *(Example for Foam to Foam Bonding)*

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Tack time is the minimum time needed after spraying until the two pieces of foam can be joined and will hold together even when under stress (usually as fast as the spray gun can be set down).



**Note:** For Fabond 805: *Parts should be sprayed, dried to tack, joined, and pressed.*

### APPLICATION AMOUNTS *(Example for Foam to Foam Bonding)*

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Total quantity by weight necessary to obtain a bond with a minimum of 50% foam tear.

|                                       |                           |
|---------------------------------------|---------------------------|
| <b>FABOND 805</b>                     | 55 grams per sq. yard wet |
| <b>FABOND 858</b>                     | 45 grams per sq. yard wet |
| <b>FABOND 914, 780, 499 &amp; 886</b> | 30 grams per sq. yard wet |

### WATERBASED LAMINATING ADHESIVES

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- Fabond 780** Synthetic adhesive for roll coat application to large pieces. High wet tack product; non-slipping, repositionable, and only requires one-way application.
- Foamlam 935** Synthetic adhesive for roll coat application to large pieces. Slower wet tack compared to Fabond 780 but has better pump stability, non-slipping, repositionable, one-way application.
- FoamLam 8201** Adhesive designed for laminating fabrics or vinyls to foam in wide web laminating presses. Meets some burn and automotive specifications.

PLEASE INQUIRE ON OUR SOLVENTS, HOT MELTS, TAPES, AND SPECIALTY PRODUCTS!



The UPACO Foam Fabricating Group is proud to offer high quality products and service to the Furniture and Bedding Industry. Contact UPACO Adhesives @ (800) 446-9984, and speak to Steve Adams, or Ian Churcher, or e-mail us via [info@upaco-richmond.com](mailto:info@upaco-richmond.com), or through our website @ [www.worthenind.com](http://www.worthenind.com) .