



EcoBond®

ECOBOND® FILMS

SUPERIOR SOLE-ATTACHING TECHNOLOGY.

Patented EcoBond® films have been developed to bond to various soling and midsole materials for permanent sole-attaching without roughing or priming. Depending on the substrates to be bonded, the films may be used in-mold or post mold. Standard films are available for bonding PU, EVA, and some rubber materials.



WORTHEN INDUSTRIES

- Emission Free**
- 3-Step Process Eliminates the Need for Roughing or Priming**
- No Hazardous Waste Produced**
- Consistent and Uniform Profile**
- Long Shelf-life**
- Safe to Store**

BONDS TO

ACTIVATION TEMPERATURE*

FEATURE

	EVA		FABRICS		METALS		NEOPRENE		POLYESTER		SOME RUBBER		VINYL URETHANE		1st PROCESS		2nd PROCESS		
F1003		✓							✓			✓	✓			95°C	55°C		Pour/Injection PU to Upper
F2609	✓	✓	✓	✓				✓	✓							140°C	125°C		EVA Co-molding
F2820	✓	✓	✓					✓	✓		✓	✓				140°C	55°C		Film for Stock fitting
F7850	✓	✓	✓					✓	✓		✓	✓				140°C	100°C		Pour/Injection PU to Upper

* Activation temperature can vary depending on applied pressure and the substrate permeability.

Depending on the substrates to be bonded, the films may be used in-mold or post-mold. Standard films are available for bonding PU, EVA, and some rubber materials. Because of the wide variety of rubber compounds used, our technical sales crew will work with the customer and/or compounder to develop films for specific rubber materials.

Need a custom solution? GIVE US A CALL

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Worthen Industries, Inc. manufactures specialty adhesives, coatings, coated flexible substrates, and thermoplastic extrusion. Our UPACO (Union Paste Co.) & NYLCO (New York Laminating Co.) divisions include 13 Business Units in our 5 U.S. locations that specifically focus our services on our customers' unique requirements.

