IF YOUR BUSINESS CALLS FOR FABRICS, BELTING OR TAPES THAT HAVE TO WITHSTAND THE HARSHEST ENVIRONMENTS, LOOK TO ADVANCED FLEXIBLE COMPOSITES (AFC).

ABOUT AFC

Advanced Flexible Composites (AFC) is a privately held and family owned business who seeks opportunities to collaborate and work with other companies whose focus is to innovate their businesses. AFC's growth has been driven by partnering with our customers to improve our mutual businesses, markets and industries. Our core competency is high temperature, non-stick engineered flexible composite materials. We specialize in the design and engineering of high performance solutions for manufacturing companies in industries such as packaging, building materials and Food service.

“When you consider service, reliability and quality, AFC is a consummate supplier. Add to those qualities their flexibility, innovative abilities and knowledgeable customer service staff with a "can do" attitude, you have a company that makes doing business a truly pleasurable experience.”

—AFC Customer

*Kevlar® and Nomex® are registered trademarks of the DuPont Corporation

COATED FABRICS

AFC manufactures a variety of PTFE and Silicone coated fabrics engineered for your specific application. Whether you are looking for a do-it-all, versatile fabric or a fabric engineered for certain conditions, AFC can provide you with the best solution.

CONVEYOR BELTING

AFC designs and produces PTFE and Silicone coated conveyor belting with a variety of splices, edging, and tracking options. They're designed to outlast and outperform the competition.

PRESSURE SENSITIVE TAPES

AFC offers PTFE coated adhesive tapes for various applications and industries.

HEAT SEALERS AND REPAIR SUPPLIES

AFC provides a complete sealing and repair package, including heat sealers, high temperature bonding film, silicone release cloth, silicone rubber covered hand rollers, mineral board, seam prep kits, and spare parts.

ADVANCED FLEXIBLE COMPOSITES, INC.

14 Walter Court, Lake In The Hills, Illinois 60156

(847) 658-3938 • (847) 658-3593 (Fax)

(800) 334-9372 • (800) 336-3938 (Fax)

AFCONLINE.COM
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AFC products handle the high temperature environment and meet the demanding needs of the food processing industry. They are resistant to chemicals and oils and FDA Compliant.

AFC's products are excellent for use in Form Fill and Seal Machines, Side Sealers, Shrink Wrap Tunnels, and Impulse/L-Bar Sealers. We have carefully engineered them to minimize downtime and increase productivity.

AFC's mold release fabrics reduce maintenance costs and down time related to the repair of damaged and worn molds. They also impart an extremely smooth surface on the molded blade.

**Serving a Diverse Set of Industries**

AFC's fabrics, tapes, and belting are critical components in a wide range of manufacturing processes. From tortilla lines to wind turbine molds, AFC has a solution.

**FOOD PROCESSING**

AFC products handle the high temperature environment and meet the demanding needs of the food processing industry. They are resistant to chemicals and oils and FDA Compliant.

**WIND ENERGY**

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**Additional Applications for AFC Products Include:** Can Manufacturing, Carpeting & Flooring, Chemical Processing, Electronics, Extrusion Processing, Screen Printing, Textile & Nonwovens, and Vinyl Window Manufacturing, among others.
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AFC’s fabrics can be used as a release medium in any welding or extrusion application. Our tapes are used as both a release medium and liner/barrier to prevent contamination.


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Constantly Innovating

We engineer solutions by assessing the unique needs of our customers. By collaborating and taking the time to understand your business, we can develop a production plan for success.

Taking Pride in Our Values

AFC’s core values form the foundation of every customer relationship.

P: POSITIVE Striving to do our best and meet each challenge with a “Can-Do” attitude.

R: RESPECTFUL The basic foundation of all relationships. We appreciate diverse backgrounds, cultures, and perspectives.

I: INNOVATIVE Embracing new ideas, new processes, and new products as our future.

D: DRIVEN Continually learning and bettering ourselves, regardless of circumstance.

E: ETHICAL Choosing to do the right thing at home and at work for fellow employees and customers.

Performing Under Pressure

AFC’s products feature the following application-critical characteristics:

• Excellent Release

PTFE’s Low Friction and Non-Stick Properties Prevent Chemical Bonding

• Chemical & Moisture Resistant Prevents Corrosion

• Extreme Operating Temperatures -100°F to 550°F (-73°C to 288°C)

• Easy Cleanability Non-Stick Surface

• Mechanical Stability

• Low Coefficient of Friction

• USDA Approved & FDA Compliant (21 CFR 177.1550)

• Non-Conductive High Dielectric Strength, Excellent Insulation Strength, and Anti-Static Properties

• EMI Resistance Including Ultra-Violet (UV), Infrared, Microwave, and Radar Frequency (RF)

• Non-Combustible Self-Extinguishing Features

• Low Thermal Expansion <5%

Learn more at AFCOnline.com

FOOD PROCESSING

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