

AFC FABRICS

Experience That Matters

AFC's management team, with over 150 years of collective industry experience, gives AFC a unique position to address the challenges of today's marketplace.

There is no substitute for a business partner who truly understands your business. Our exposure to thousands of applications in hundreds of diverse industries provides us with the experience and resources necessary to provide solutions for your most difficult applications. We are proud of the fact that much of AFC's success is attributed to our "real world" experience.

As an experienced leader, AFC is able to remain stable and focused in a competitive and turbulent business environment. While many companies have come and gone during the past 15 years, AFC has proven itself to be a solid, committed and dependable business partner. Our experience has enabled AFC to maintain its customer-focused strategy in a business environment that is constantly evolving.

"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

Core Values Focused On Customers

AFC PROVIDES VALUE TO CUSTOMERS BY COMBINING SUPERIOR PRODUCTS AND EXCEPTIONAL SERVICE WITH COMPETITIVE PRICING.

Our industry experience and long-term partnerships have enabled us to develop a set of core values to meet our customers' unique needs. Innovation, quality and service are the three areas that deliver the highest value to our customers. Internal processes have been developed to support AFC's values, ensuring that the overall customer experience is unmatched in the industry.

What differentiates AFC? Any company can sell a product solely on price. However, how much did the product really cost if inferior quality, long lead-time or late delivery resulted in the loss of your customer? What is the cost of your time if it takes hours to get a quote or an answer to a technical question? How much did it cost if the product is returned because you were supplied the wrong technical information for the application? How much would it be worth if you provided your customers a superior product that meets their needs and, as a result, earn their long-term loyalty? AFC's focus on providing value beyond price is what separates us from our competition.



AFC's finished products exhibit the following characteristics:

- Excellent release properties: Nothing bonds permanently
- Chemical, corrosion and moisture resistance
- Resistance to extreme temperatures: -100° F to 550° F (-73° C to 288° C)
- Easy clean-ability, non-stick surface
- Mechanical stability
- Low coefficient of friction
- USDA approved and US FDA compliant (21 CFR 177.1550)
- Excellent electrical, insulative and dielectric properties
- Resistance to ultra-violet (UV) infrared, microwave, and radar frequency (RF)
- Non-combustibility, self extinguish features
- Low thermal expansion: <5%

Typical applications for AFC's DuraFab®, Eterna®, DuraFlow® and DuraSil® Fabrics:

- Poly bag manufacturing
- Impulse/L-Bar sealing
- Non-stick baking, cooking and drying
- Heat transfer presses
- Manufacture of polymer-based products
- Vulcanizing presses
- Tank seals and contaminant barriers
- Gaskets, membranes, seals and diaphragms
- Composite mold release
- Shrink tunnel curtains
- Tray liners
- Cooking sheets
- Protective curtains and aprons
- Expansion joints

Specialty Fabrics:

AFC can specially process PTFE and silicone fabrics to increase tensile strength or provide additional colors in order to meet specific application requirements. Additionally, AFC can provide silicone coated Kevlar® to meet specific application needs.



Not all PTFE Coated Fabrics are Created Equal

There are factors such as coating weight and quality, Fluoropolymer (PTFE) type and content that greatly affect product performance and must be considered when comparing products. AFC's focus on providing superior products that meet our customer's needs is what separates us from our competition.

Fabric Processing Capabilities:

AFC offers a full range of specialty processing options to meet every need.

These include:

- Slitting and rewinding
- Sheeting
- Custom die cutting
- Laminating
- Conveyor belting
- Custom perforating services
- Adhesive coating

In addition, AFC can perforate belts and fabric up to 100" wide and rewind slit fabrics up to 122" wide (3.1 meters).



Fabrics

AFC manufactures and distributes a wide range of PTFE and silicone fabrics for use in both generalized and specialty applications. These fabrics can be supplied as either rolled goods or as fabricated products.

PTFE Coated Fabrics

AFC produces a wide range of PTFE coated fabrics using fiberglass and Kevlar® substrates. Our products are sold into diverse markets such as: industrial, food, automotive, chemical and aerospace/defense. AFC's products are sold under the trade names DuraFab® (solid fabrics), DuraFlow® (porous/mesh fabrics) and Eterna® and may be available in widths up to 141" (3.6 meters).

The following are some typical applications for AFC's DuraFab® and DuraFlow® fabrics:

- Poly bag manufacturing
- Impulse/L-Bar sealing
- Non-stick baking, cooking and drying
- Heat transfer presses
- Manufacture of polymer-based products
- Vulcanizing presses
- Tank seals and contaminant barriers
- Gaskets, membranes, seals and diaphragms
- Composite mold release

DuraFab® • DuraFlow® • Eterna®

CHARACTERISTICS

These fabrics are engineered to retain the distinctive properties of PTFE; however, by adding a fabric to the matrix, AFC is able to obtain the added benefits of dimensional stability, durability, excellent tensile strength and extremely low elongation (<1%). DuraFab®, DuraFlow® and Eterna® Fabrics have received USDA approval for food processing and handling, and are FDA compliant (21 CFR 177.1550). In addition, these fabrics can operate in temperatures from -400° F (-240° C) under static conditions and -100° F (-73° C) under dynamic conditions, up to 550° F (288° C).



DuraFab® Industrial Fabrics (20 Series and 24 Series Black)

The DuraFab® Industrial Series is the most extensive and versatile line of fabrics, providing the highest value to customers by offering an excellent balance between heat transfer, release and flexibility. These fabrics are manufactured from woven fiberglass substrates, possess

an optimal PTFE content and leave a minimal fabric impression.



DuraFab® Premium Fabrics (61 Series)

The DuraFab® Premium Series is extremely smooth and provides the best release, highest dielectric strength and greatest chemical resistance thus they are excellent for use in the most challenging industrial applications. These fabrics are manufactured from woven fiberglass substrates, have the highest PTFE content, and leave little-to-no fabric impressions.



DuraFab® Mechanical Series Fabrics (22 Series)

The DuraFab® Mechanical Series provides a more textured surface and is the

What is PTFE?

Polytetrafluoroethylene (PTFE), a **fluorocarbon plastic**, is a plastic in which the hydrogen normally found in association with carbon in organic materials has been replaced with fluorine. The resulting polymer possesses a number of unique properties: inertness to chemicals; fire

resistance (will not support a flame); excellent weathering resistance; low friction (**second only to ice**); superior anti-stick properties; flexibility; extreme heat and cold resistance; outstanding electrical, insulative and dielectric properties; and resistance to ultraviolet (UV), infrared (IR), microwave and radio frequency (RF).

most cost effective solution for applications where a mechanical impression must be transferred to a seal or where a surface texture is required. These fabrics are manufactured from woven fiberglass substrates and have a moderate PTFE content.



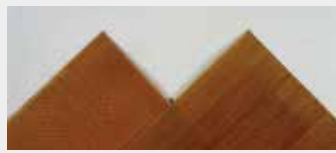
DuraFab® Tear Resistant Fabrics (63 Series)

The DuraFab® Tear Resistant Series is specially processed to increase its overall flexibility and tear resistance thus making it the strongest, most durable line of PTFE coated fiberglass fabrics. This series is best utilized in high-speed packaging applications or on surfaces where some conformity is desired. These fabrics are manufactured from woven fiberglass substrates, leave a minimal fabric impression, possess an optimal PTFE content and have a proprietary additive for flexibility.



DuraFab® Anti-Static Fabrics (64 series)

The DuraFab® Anti-Static Series has the highest thermal conductivity (best heat transfer) of any of the DuraFab® products and is best used in applications where surface static dissipation is desired. These fabrics are black in color and are manufactured from woven fiberglass substrates, have an optimum PTFE content, and have a proprietary additive that provides conductivity.



DuraFab® Premium Kevlar® Fabrics (500 Series)

The DuraFab® Premium Kevlar® Series has dramatically higher tensile and tear strengths than their fiberglass counterparts and are the best choice for high flex or steam applications. These fabrics are manufactured from woven Kevlar® substrates, possess an optimal PTFE content and leave a minimal fabric impression.



High Performance Fabrics

AFC's high performance fabrics are specifically engineered to maximize application life while minimizing down time in the most demanding environments. These fabrics are manufactured from PTFE coated woven fiberglass substrates, utilizing AFC's proprietary coating formulations and/or laminating processes. These fabrics are non-stick, offer excellent release, are resistant to oils, grease and chemicals. These fabrics are also more abrasion resistant and maintain their low coefficient of friction even after prolonged service.



DuraFlow® Porous Fabrics (27 Series)

The DuraFlow® Porous Series is specifically designed to control

porosities thus allowing products to cure and outgas through the fabric. Because of their unique properties, these fabrics are excellent for use in a wide range of applications, from the manufacture of polymers to a release medium for composite molding. These fabrics are manufactured from woven fiberglass substrates that have been lightly coated with PTFE.



DuraFlow® Mesh Fabrics (27 Series) and UV Resistant Mesh Fabrics (28 Series)

The DuraFlow® Mesh 27 Series is unsurpassed in its surface, strength and airflow characteristics thus providing the ultimate performance for drying and curing applications. These fabrics are manufactured from proprietary woven fiberglass substrates that have been heavily coated with PTFE. AFC's UV Resistant Mesh Fabrics (28 Series) have all the benefits of the 27 Series Mesh Fabrics but with the added benefit of UV protection.



DuraFlow® Kevlar® Mesh Fabrics (507 Series)

The DuraFlow® Kevlar® Mesh Series is excellent for heavy-duty or steam related drying applications. These fabrics are manufactured from proprietary woven Kevlar® or Kevlar®/fiberglass substrates that have been heavily coated with PTFE.



Specialty Fabrics & Fabric Treatments:

AFC can specially treat its fabrics to provide a bondable, abrasion resistant, static-dissipative or oil resistant surface. These fabrics are manufactured to meet specific customer applications. For example, AFC manufactures a specialty fabric that has a special additive that increases oil and abrasion resistance. This product is excellent for tortilla and pizza crust applications.



Silicone Coated Fabrics

AFC manufactures a wide range of silicone-coated fabrics using fiberglass substrates.

These fabrics exhibit exceptional tensile strength and tear-resistant properties, and are widely known for their “natural release” capabilities. Our DuraSil® fabrics are sold to a variety of industries including packaging, food, aerospace and chemical and are available in widths up to 50”. The following are some typical applications for DuraSil® fabrics:

- Shrink tunnel curtains
- Tray liners
- Cooking sheets
- Gaskets, membranes, seals and diaphragms
- Protective curtains and aprons
- Expansion joints

What is Silicone?

Silicone is a polymer initially derived from silica and oxygen, which are two of the most abundant elements on earth. When combined with other materials in a series of three reactions, the silicon becomes linked into a synthetic polymer chain containing a silicon-oxygen “backbone” to form **polydimethylsiloxane (PDMS)**. PDMS is then crosslinked with additional polymer chains and other compounds to form silicone rubber. Silicone rubber possesses a number of unique properties: chemical resistance; fire resistance; excellent resistance to weathering; high friction; good non-stick properties; excellent flexibility; extreme heat and cold resistance; outstanding electrical, insulative and dielectric properties; and resistance to ultraviolet (UV), infrared (IR), microwave and radio frequency (RF).

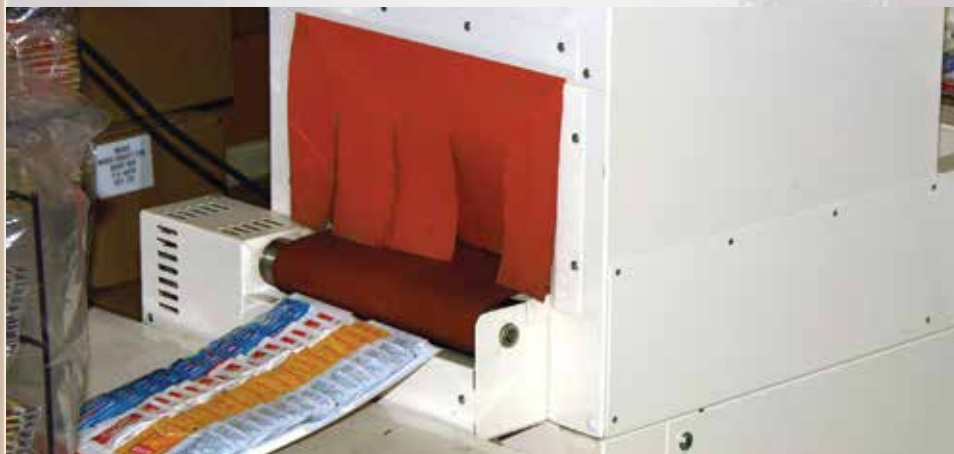
DuraSil®

FABRIC CHARACTERISTICS: DuraSil® Fabrics are engineered to retain the distinctive properties of silicone; however, by adding a glass fabric to the matrix, AFC is able to obtain the added benefits of dimensional stability, durability, excellent tensile strength and low elongation. DuraSil® Fabrics have received USDA approval for food processing and handling, and are FDA compliant (21 CFR 177.2600). In addition, the DuraSil® Fabrics can operate in temperatures from -100°F to 500°F (-73°C to 260°C).



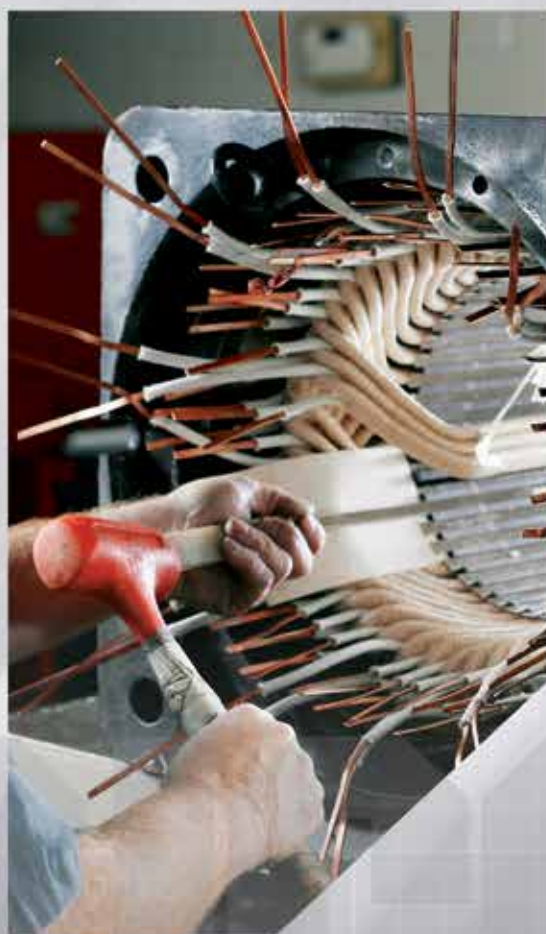
DuraSil® Silicone Fabrics (300-Red, 301-White, 302-Black Series)

The DuraSil® Silicone Fabric Series provides a high friction (tacky) surface and is the most conformable, flexible and wear resistant product line offered by AFC. This series is made from woven fiberglass substrates that have been coated on one or both sides with silicone rubber and is available in multiple colors and multiple plies (up to three). These fabrics are used in applications where a surface grip with excellent release is desired.



Specialty Fabrics:

AFC can specially process silicone fabrics to increase tensile strength or provide additional colors in order to meet specific application requirements. Additionally, AFC can provide silicone coated Kevlar® to meet specific application needs.



Fabrics by Industry



Packaging

AFC Products for the Packaging Industry

DuraFab®

- Industrial
- Premium
- Tear resistant

Eterna®

DuraSil®

One of the oldest and most established applications for coated fiberglass fabrics is the flexible packaging industry. AFC'S products are excellent for use in two primary areas: Plastic bag production and form, fill and seal machines for plastic bags.

Plastic bag producers use coated fabrics on equipment that is used to heat seal many widely used storage, trash, and other film bags as well as many other packaging applications.

Used in conjunction with precise time and temperature control AFC'S products will achieve satisfactory release of the plastic material in the heat sealing process.

AFC's Fabrics offer the Packaging Industry:

- Good heat transfer
- Durability
- Temperature resistant
- Tear resistant
- Flexible
- Smooth non-stick
- Good release

Typical Applications:

- Poly bag manufacturing
- Impulse/L-bar seal
- Form fill and seal
- Over wrapping (tray packing)
- Side and end sealing
- Blister tray covers
- Vacuum pack machines
- PTFE coated fabrics for covering heating wires and platens
- Two ply sealer belts with constant heat transfer for continuous packaging machines
- Shrink tunnel curtains (Silicone coated fabrics)
- Open mesh belts for heat shrink tunnels
- Side sealer belts





Food Processing

AFC Products for the Food Processing Industry

DuraFab®

- Industrial
- Premium

DuraFlow®

- Mesh

Eterna®

AFC'S coated fabrics are widely used in the Food Industry. These products regularly handle the high temperatures and rigors of the food processing environment, while providing excellent release properties and resistance to chemicals and oils.

Examples of service applications include the production of flour tortillas, pizza crust, chicken cooking, tray liners in meat smoking and baking operations. AFC'S Eterna® products are an ideal choice for this type of applications. Its patented technology adds value by providing long lasting release, improved durability and abrasion resistance to meet the demanding needs of the Food Industry.

AFC's Fabrics offer the Food Processing Industry:

- Smooth non-stick
- Excellent release
- Easy to clean
- Durability
- Temperature resistant
- Oil & grease resistant
- Non-absorption, non-wicking
- Excellent heat transfer

Typical Applications:

- Process conveyor belts for dough pressing (tortillas/pizza/pita)
- Process conveyor belts for cooking/ grilling
- Release sheets for baking
- Microwave liners
- Pan liners
- Oven liners
- Process belts for vacuum drying
- Belts and release sheets for freezing and cooling





Aerospace/Aircraft and Composite Bonding

AFC Products for the Aerospace Industry

DuraFab®

- Porous
- Industrial
- Mechanical

Eterna®

The growing emphasis on safety in the aerospace and aircraft industry has resulted in an increased demand for PTFE coated fabrics. There is an increasing importance of fire resistant materials where human life and intricate machinery must function as a reliable unit. These requirements highlight the unique properties of AFC's products. Our PTFE products are fire resistant. They are non-flammable in a normal atmosphere. In a highly oxygenated atmosphere, glass fiber reinforced PTFE burns at a rate of less than 3/10" or 7.62MM per second.

AFC'S products are unique because they are manufactured in very high quality controlled standards. AFC'S products are engineered to meet the highest military, NASA and civilian specifications.

AFC's Fabrics offer the Aerospace Industry:

- Durability
- Flame retardant
- Chemical resistant
- Mechanical strength
- Smooth non-stick surface
- Temperature resistant (-400°F to +600°F or -240°C to +260°C)
- Controlled DK (Microwave)
- Low dissipation factor (Microwave)
- High cold-flow
- Semi-conductivity
- Excellent airflow and porosity

Typical Applications:

- Release fabrics for composite pre-preg manufacturing
- Release fabrics for vacuum bagging operations
- Gaskets for protection and insulation
- Plasma spray
- Autoclaving
- Bleeder release cloth
- Aircraft cable wrap





Building Products/PVC Welding

AFC Products for the Building Products Industry

DuraFab®

- Industrial
- Gold fabrics

Eterna®

AFC's fabrics are used in the vinyl window industry on the welders that bond the vinyl extrusions of new and replacement windows to prevent the hot PVC from sticking to the plates.

AFC'S products are specifically engineered to maximize product life, while minimizing downtime in the welding production process. In tests carried out in the PVC window industry, our products have been shown to last significantly longer than equivalent products from other manufacturers.

AFC's Fabrics offer the Building Industry:

- Heat resistant
- Abrasion resistant
- Non-stick
- High dielectric strength
- PVC resistant
- Dimensional stability under heat and pressure

Typical Applications:

- Vinyl window manufacturing





Metallized Balloon Fabrication

AFC Products for the Metallized Balloon Industry

DuraFab®

- Industrial
- Premium
- Tear resistant
- Gold fabrics

Eterna®

AFC'S products are extensively used in the production of metallized balloons. AFC'S products are specifically engineered to maximize product life in the welding production process.

AFC's Fabrics offer the Metal Balloon Industry:

- Heat resistant
- Abrasion resistant
- Non-stick
- High dielectric strength
- PVC resistant
- Dimensional stability under heat and pressure

Typical Applications:

- Heat sealing process





Plastics

AFC's products have been widely accepted as material handling aids in the Plastic Industry. The following properties render AFC products suitable for a variety of diverse applications in this industry.

AFC Products for the Plastics Industry

DuraFab®

- Industrial
- Premium
- Tear Resistant
- Gold Fabrics

Eterna®

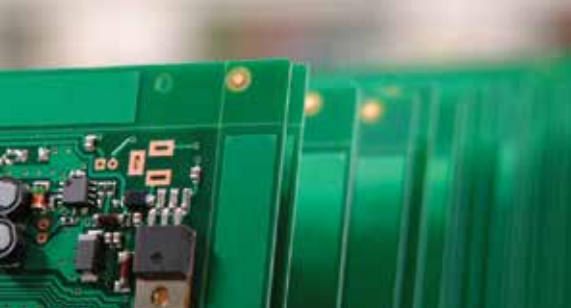
AFC's Fabrics offer the Plastics Industry:

- Smooth, non-stick surface
- Temperature resistivity (-400°F to +600°F or -240°C to +316°C)
- Chemical resistant
- Durability
- Heat transfer
- Flexibility
- Non-absorption
- Dimensional stability (Belting)
- Open weave

Typical Applications:

- Release fabric for hot plate welding of plastics (UPVC, white goods & automotive)
- Release fabric for H.F. & I.R. Welding
- Release fabric for polythene/PU extrusion coating
- Release fabric/tape for welding of polythene bags/sacks





Electrical/Electronics

AFC Products for the Electrical Industry

DuraFab®

- Industrial
- Premium
- High dielectric
- Conductive

Eterna®

AFC's products are used to hold, insulate, isolate, mask shield and protect coils, transformers, devices and various electrical components. They are typically used for major winding, layer and lead insulation, lead anchoring, coil covers, bundling, wrapping, banding and isolation, EMI-RFI shielding and anti-static applications.

AFC's Fabrics offer the Electrical Industry:

- Excellent insulation strength
- Low electrical signal losses
- Very low coefficient of friction
- High temperature resistant
- Non-stick
- Flexibility and tear resistant
- Chemical resistant
- Abrasion resistant
- Corrosion resistant
- Fungus resistant
- Good release
- High flexural endurance
- High dielectric

Typical Applications:

- Transformer wrapping
- Cable splicing
- Generator Insulation
- Wire cable wrap
- Ceramic curing
- Wire braiding
- High Frequency laminates
- Aerospace wiring
- Magnetic separators
- Convoluted and spiral hosing
- Non-stick linings





Polymer Processing

AFC Products for the Polymer Processing Industry

DuraFab®

- Industrial
- Premium

DuraFlow®

- Porous

The rubber industry utilizes AFC'S products extensively. The characteristics of our products are ideal for the rubber industry.

Fabrics are used in rubber processing because of their outstanding chemical, thermal, mechanical and electrical properties. AFC's fabrics are used as release sheets on belt vulcanizers.

AFC's Fabrics offer the Polymer Processing Industry:

- Heat resistant
- Abrasion resistant
- Non-stick
- High dielectric strength
- PVC resistant
- Dimensional stability under heat and pressure
- Long lasting non-stick release surface
- High temperature and excellent chemical resistance
- Smooth and textured surface available

Typical Applications:

- Vulcanizing presses
- Rubber curing presses
- Process conveyor belts for curing of polymers
- Belts for curing rubber profiles
- Process belts for lamination in tile production
- Process belts for curing in carpet production





Textile

AFC Products for the Textile Industry

DuraFab®

- Industrial
- Tear resistant
- Anti-static

DuraFlow®

- UV
- Kevlar
- Fiberglass

AFC's products are used extensively to increase the efficiency of material handling in the textile industry.

AFC's fabrics are widely used for covering dry cans and other related types of equipment.

AFC's Fabrics offer the Textile Industry:

- Excellent chemical resistance
- For use with all heating systems (UV, IR, and RF microwave systems)
- Smooth, non-stick surface
- Durability
- Temperature resistant (-400°F to +600°F or -240°C to +316°C)

Typical Applications:

- Open mesh dryer belts with various mesh sizes for thermal bonding of non-wovens
- Open mesh belts for textile drying
- Super smooth non-stick and anti-static belts for textile thermal fusing and bonding
- Higher weight belting for lamination of technical textiles (automotive interiors)
- Release fabric for protective covering of dry can cylinders and drums
- Transfers
- Release sheets for tampo-pad printing
- Release fabric upholstery lamination





Chemical

AFC Products for the Chemical Industry

DuraFab®

■ Industrial

DuraFab®

■ Belting

Eterna®

DuraSil®

AFC's products are widely used in the Chemical Processing Industry because of the chemical resistivity of PTFE. Although the individual properties of Fluoroglass products are remarkable, it is their unique combination in one material that makes them suitable for application in this industry.

AFC's Fabrics offer the Chemical Industry:

- Smooth non stick surface
- Durability
- Temperature resistant
- Chemical resistant
- Flexibility
- Mechanical strength
- Dimensional stability
- Semi-conductivity
- High cold-flow
- Non-contaminatory

Typical Applications:

- Tank seals and contaminant barriers
- Gaskets, membranes, seals & diaphragms
- Corrosion, resistant chute, drum and hopper liners
- Protective curtains and aprons





Rubber Extrusion

AFC Products for the Rubber Extrusion Industry

DuraFab®

- Industrial
- Premium

DuraFab®

- Belting

The rubber industry makes extensive use of the desirable properties inherent in AFC's products. They are used to serve as an economical means of assisting materials flow.

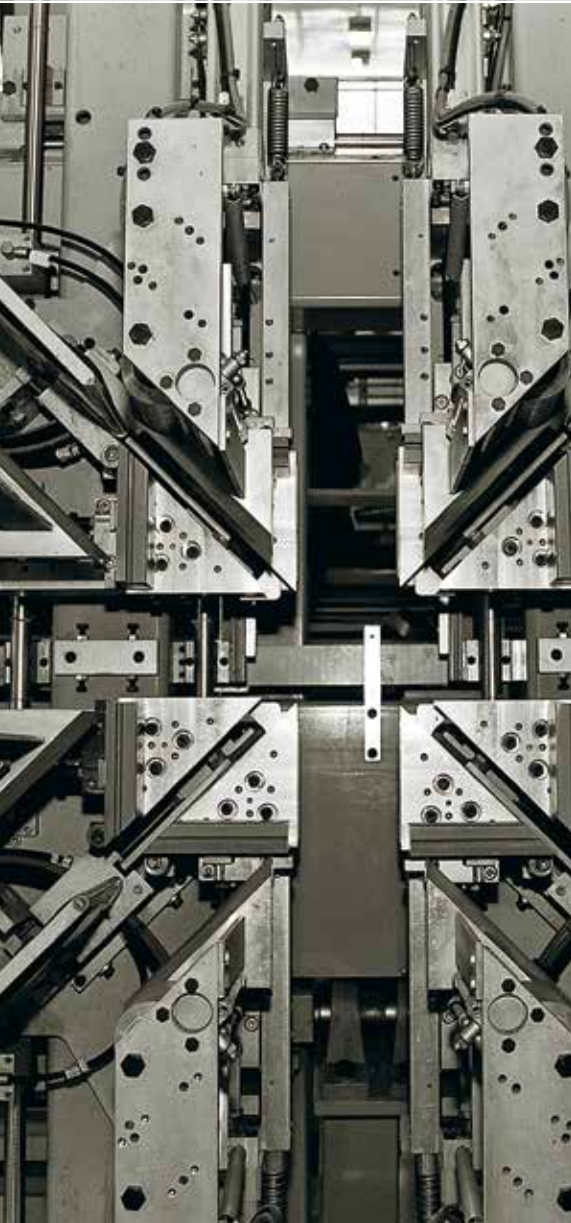
PTFE coated belts are also regularly used to carry rubber extrusions through the rigorous curing process. The ability to withstand radical temperature change without sacrificing basic product integrity makes these belts extremely valuable in this application.

AFC's Fabrics offer the Rubber Extrusion Industry:

- Smooth, non-stick surface
- Temperature resistant (-400°F to +600° or -240°C to +316°C)
- Chemical resistant
- Durability
- Dimensional stability (Belting)
- Porosity
- Open weave
- Fabric impression
- Semi-conductivity

Typical Applications:

- Release blankets
- Curing of extruded rubber profiles, paint chips, PU, PE, and PVC Products





Screen Printing

AFC Products for the Screen Printing Industry

DuraFab®

- Industrial
- Premium

DuraFlow®

- Fiberglass
- Kevlar

Screen printing and graphic arts represent a large potential market for AFC'S products. AFC'S products are widely used in drying, fusing and laminating processes.

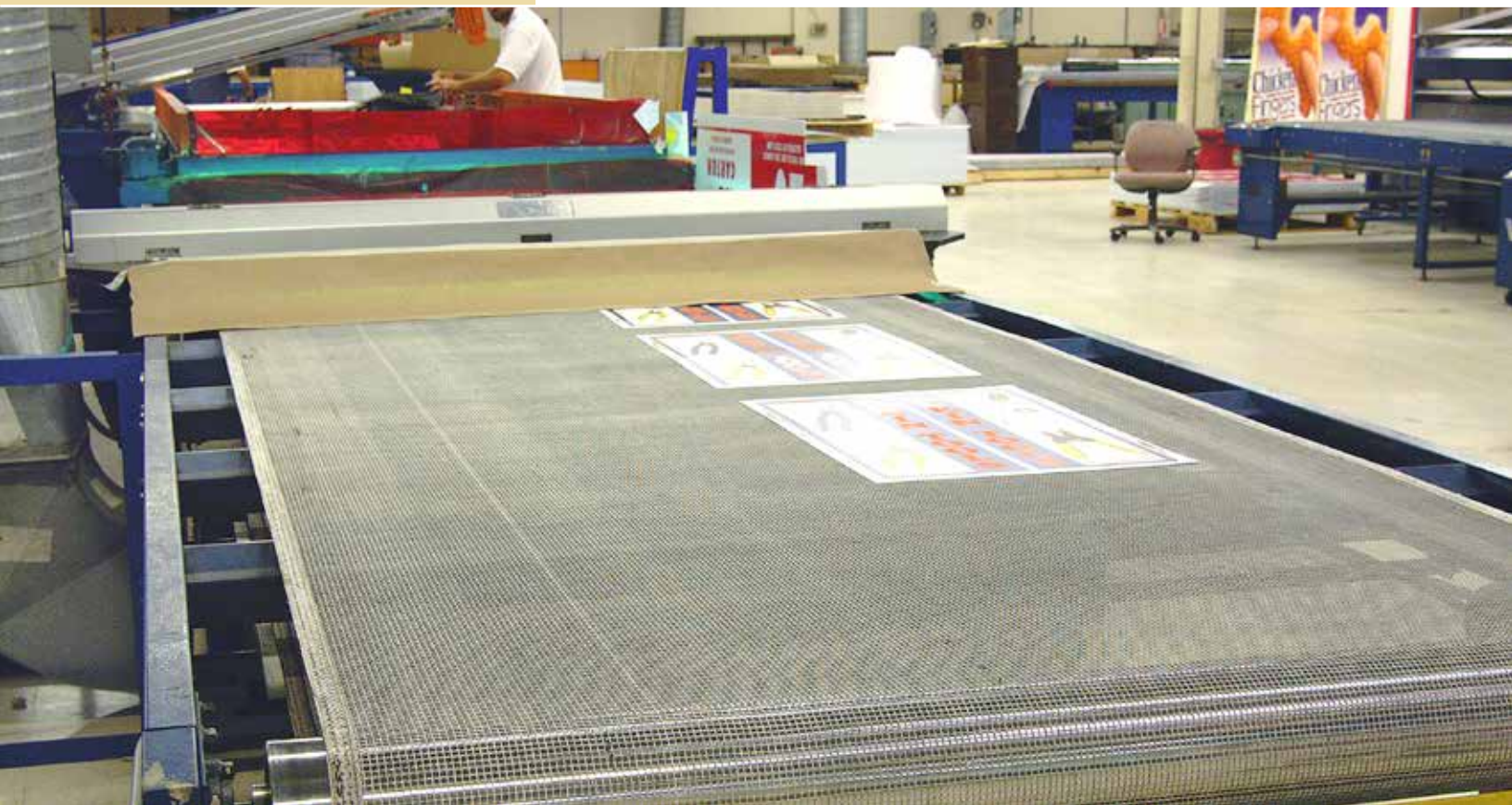
Although the individual properties of AFC products are remarkable, it is their unique combination in one material that renders them suitable for applications in the printing industry.

AFC's Fabrics offer the Screen Printing Industry:

- Temperature resistant (-400°F to +600°F or -240°C to +316°C)
- Smooth, easy to clean non-stick surface
- For use with all heating systems (UV, IR and RF microwave systems)
- Non-wetting characteristics

Typical Applications:

- Open mesh belts for thermal bonding of non-wovens
- Open mesh dryer belts for textile screen printing
- Heat transfer presses and silk screen table covers
- Fabric lamination and garment fusing
- Garment fusing
- Roll covers for dryer cylinders and press pads for transfer printing





Carpet/Flooring

AFC Products for the Flooring Industry

DuraFab®

- Industrial
- Premium

Eterna®

- Belting

DuraSil®

- Belting

PTFE belts are used to apply synthetic rubber backing to carpeting. AFC has engineered products specifically for the carpet industry. AFC's PTFE conveyor belts convey the uncured synthetic rubber backing through the manufacturing process. The woven fiber (Carpet) overlay is bonded to the uncured synthetic rubber as the belt conveys it through a curing oven.

The PTFE conveyor belts' non-stick properties allows for an excellent release of the cured and bonded synthetic rubber. The belts are designed so that the belt finished is showing on the rubber backing.

AFC's conveyor belts have been designed to out perform and out last all competitive materials. Our materials can be supplied in roll form, slit to size or as a finished belt.

AFC's Fabrics offer the Flooring Industry:

- Good release
- Smooth or patterned finish
- Temperature resistant (-400°F to +600°F or -240°C to +316°C)
- Long term non-stick
- Durability
- Anti-stick
- Permeability-optimum airflow
- Flexibility
- Dimensional stability

Typical Applications:

- Conveyor belts for casting and curing PVC backed carpet, tiles and underlay
- Release fabrics for pressing rubber backed mats
- Conveyor belting for applying synthetic rubber backing to carpeting



How to Order



1. Select Material Style.

2. Determine whether you desire full width or slit fabric:

Full width: Ordered by lineal yard or lineal meter. For width availability contact AFC.

Slit width: Slit fabrics are available from ¼" to the maximum width and can be slit to the nearest 1/32".

Slit fabrics are available in 18 and 36 Yard rolls.

3. Select your width:

Full width: Contact AFC for width availability

Slit width: inches or millimeters

4. Select your Length:

Full Width: Lineal yards or meters in any length required

Slit Width: Available in rolls of 18 or 36 yards

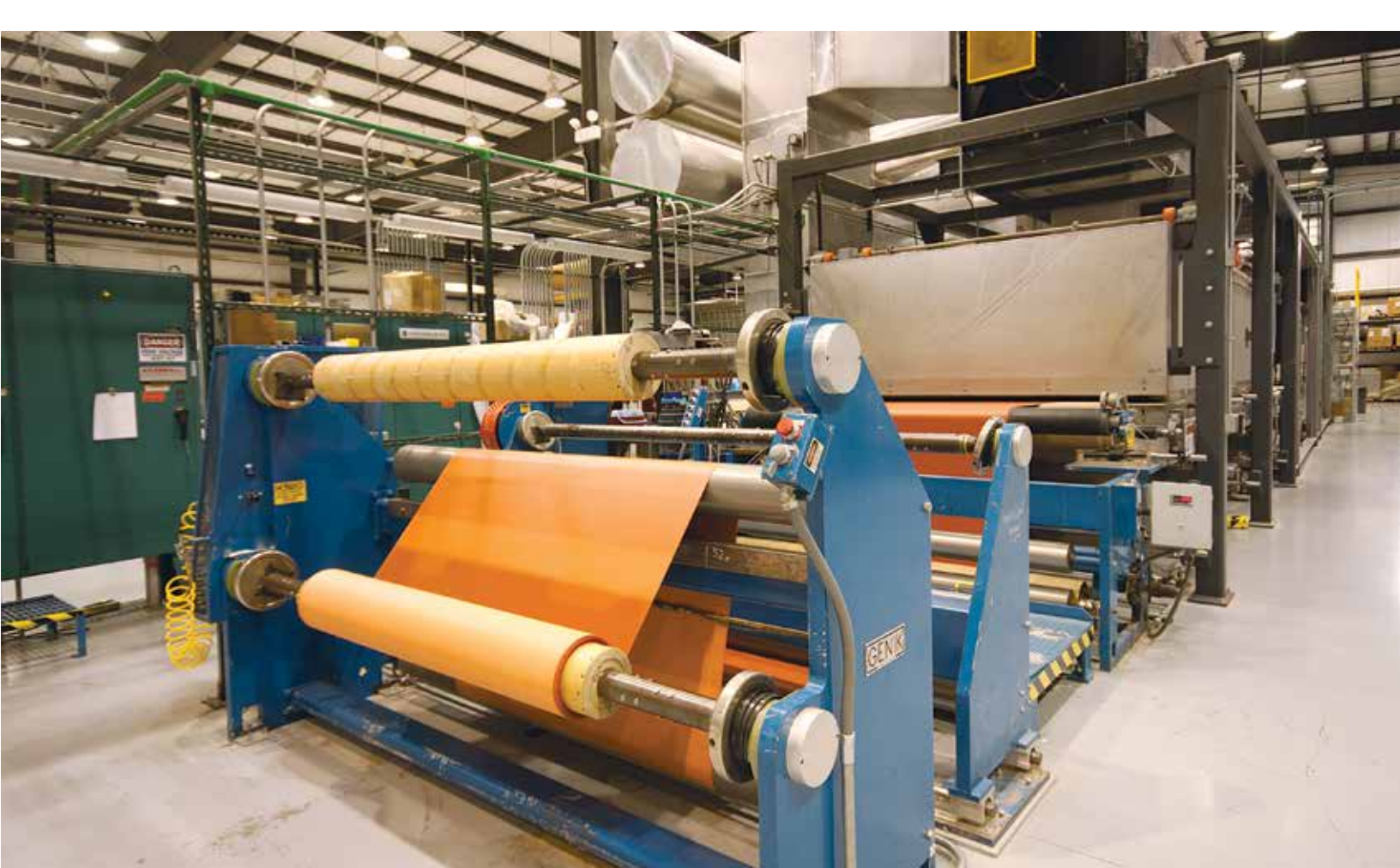
(For slit roll availability contact AFC.)

Full Width Design Example:

Material style-22-03, Full Width-39.5", Length-55 yards

Slit Roll Design Example:

Material style-22-03, Width-2", Length-18 yards



Typical Applications of AFC Fabrics

		DuraFab® Industrial Fabrics (20 Series)	DuraFab® Premium Fabrics (61 Series)	DuraFab® Mechanical Fabrics (22 Series)	High Performance Fabrics	DuraFab® Tear Resistant Fabrics (63 Series)	DuraFab® Anti-Static Fabrics (64 Series)	Gold Fabrics (25 Series)	DuraFlow® Porous Fabrics (27 Series)	DuraFlow® Mesh (27 Series) and UV Resistant Mesh Fabrics (28 Series)	DuraSil® Silicone Fabrics (300, 301, 302 Series)	DuraFab® Premium Kevlar® Fabrics (500 series)	DuraFlow® Kevlar® Mesh Fabrics (507 series)
Packaging	Poly Bag Manufacturing	•	•		•	•	•	•					
	Impulse/I-bar Sealing	•	•	•	•	•	•	•					
	Form Fill and Seal	•	•	•	•	•	•	•					
	Over Wrapping (Tray Packing)	•	•	•	•	•	•	•					
	Side and End Sealing	•	•	•	•	•	•	•					
	Blister Tray Covers	•	•	•	•	•	•	•					
	Vacuum Pack Machines	•	•	•	•	•	•	•					
	Shrink Tunnel Curtains										•		
Food Products	Non-stick Baking, Cooking and Drying	•	•		•	•	•	•					
	Food Dehydration	•	•		•	•	•	•		•			
	Smoking of Meat and Fish	•	•		•	•	•	•		•			
	Flash-freezing Meat, Poultry and Fish	•	•		•	•	•	•					
	Oven And Microwave Liners For Home and Industrial Kitchens	•	•	•	•	•	•	•					
	Kitchen Work Surfaces			•									
	Tray Liners and Cooking Sheets										•		
Electrical/Electronic	Insulation and Protection	•	•	•	•	•	•	•	•		•		
	Printed Circuit Board Manufacturing	•	•			•	•	•					
	Wire and Cable Insulation and Protection	•	•		•	•	•	•					
	High Frequency Laminating	•	•		•		•	•					
	Magnetic Separators	•	•		•		•	•					
	Convoluted and Spiral Hosing	•	•		•		•	•					
	Ceramic Curing	•	•		•		•	•					
Printing and Textiles	Heat Transfer Presses	•	•	•	•	•	•	•					
	Silkscreen Table Covers	•				•	•						
	Fabric Lamination	•	•		•	•	•	•					
	Garment Fusing	•	•		•	•	•	•					

Typical Applications of AFC Fabrics

		DuraFab® Industrial Fabrics (20 Series)	DuraFab® Premium Fabrics (61 Series)	DuraFab® Mechanical Fabrics (22 Series)	High Performance Fabrics	DuraFab® Tear Resistant Fabrics (63 Series)	DuraFab® Anti-Static Fabrics (64 Series)	Gold Fabrics (25 Series)	DuraFlow® Porous Fabrics (27 Series)	DuraFlow® Mesh (27 Series) and UV Resistant Mesh Fabrics (28 Series)	DuraSil® Silicone Fabrics (300, 301, 302 Series)	DuraFab® Premium Kevlar® Fabrics (500 series)	DuraFlow® Kevlar® Mesh Fabrics (507 series)
Polymer Processing	Vulcanizing Presses	•	•	•	•	•	•	•					
	Rubber Curing Presses	•	•	•	•	•	•	•	•				
	Manufacture of Filter Media	•	•		•	•	•	•					
	Manufacture of Silicone Rubber Sheet								•				
Building Products	Manufacture of Specialty Wood-based Products	•	•	•	•	•	•	•					
	Vinyl Window Manufacturing	•	•		•	•	•	•					
	Manufacture of Vacuum Laminate									•			
Chemical Processing	Tank Seals and Contaminant Barriers	•	•	•	•	•	•	•			•		
	Gaskets, Membranes, Seals, and Diaphragms	•	•	•	•	•	•	•			•		
	Corrosion Resistant Chute, Drum, and Hopper Liners	•	•	•	•	•	•	•					
	Protective Curtains and Aprons	•	•	•	•	•	•	•			•		
Aerospace, Communications, and Military	Composite Mold Release/bonding	•	•	•	•	•	•	•	•				
	Vacuum Bagging	•	•	•	•	•	•	•					
	Release Sheets for Fabricating Glass-resin Structures								•				
Other Applications	Casting and Curing PVC Backing on Carpet and Tiles	•	•		•						•		
	Release Sheets/ Separation Materials	•	•	•	•	•	•	•	•		•		
	Release Fabrics for Pressing Rubber Backed Mats	•	•		•						•		
	Belting for Applying Synthetic Rubber Backing to Carpet	•	•		•						•		
	Manufacture of Metallized Balloons	•	•	•	•	•	•	•					
	Abrasive Disk and Wheel Manufacturing			•						•			
	Work Surface Covering			•									
	Drying Painted or Lacquered Products								•				
	Expansion Joints										•		
	Heavy Duty Drying Application											•	•

Additional Applications Exist! Call AFC for More Details.

Who is AFC?

AFC (Advanced Flexible Composites) is a global solutions provider of durable, high performance composites. Since 1988, we have focused on providing innovative high temperature and non-stick solutions for a wide range of industries, such as flexible packaging, aerospace, and food processing. Based in Lake in the Hills, Illinois, this private, family-owned organization has grown to four locations across the globe with over 150 employees.

At AFC, we take the time to fully understand your production process. What is the root cause of product failure? What are the associated costs of downtime? How do you define success, and how can we help you achieve it? By pairing the right product with superior technical support and customer service, AFC is your strategic partner for high temperature and non-stick solutions.

AFC Industrial Group

AFC's industrial operation focuses on the design and manufacturing of PTFE and silicone-coated fabrics and belting, along with an extensive line of pressure-sensitive tapes for use in diverse industrial applications worldwide. Our Specialty Belting Division concentrates on heat sealers, belt accessories and specialty belting, including highly engineered products.

AFC Food Product Group

AFC's Food Product Group is a global supplier of durable, high temperature smallwares. AFC has collaborated with OEM's and end-users to design solutions specifically engineered to withstand the rigorous environment of the Quick Service Restaurant (QSR), casual restaurant industry, as well as the everyday consumer's home kitchen. Our products can be found under the trade name DuraChef®. Our DuraChef® branded products are FDA compliant, and are suitable for direct food contact. AFC distributes DuraChef® products through retail for different cooking applications and are a perfect addition for the average consumer's in-home use.

Our Mission

We solve problems and serve others.

Our Vision

Bigger, Better, Faster

Our Core Values

POSITIVE

Striving to do our best and meet each challenge with a "Can-Do" attitude.

RESPECTFUL

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

INNOVATIVE

Embracing new ideas, new processes, and new products as our future.

DRIVEN

Continually learning and bettering ourselves, regardless of circumstance.

ETHICAL

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

Not all PTFE Coated Fabrics are Created Equal

There are factors such as coating weight and quality, Fluoropolymer (PTFE) type and content that greatly affect product performance and must be considered when comparing products. AFC's focus on providing superior products that meet our customer's needs is what separates us from our competition.



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