

Who is AFC?

AFC 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.

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.

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.



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PVC Welding Fabrics

UPVC Welding Fabrics and pressure sensitive tapes from AFC are designed to maximize weld plate performance. Their self-lubricating and clean release surface lowers maintenance costs and reduces the frustrations caused by fabric failure.

DuraLam®, DuraFab® and DuraStick®

DuraLam® and DuraFab® Fabrics and DuraStick® Tapes are specifically engineered to maximize application life while minimizing down time in the welding production process. Our proprietary coating formulation was developed to reduce abrasion, increase lubricity and prevent leaching into the materials. In tests carried out in the PVC window industry, our products have been shown to last significantly longer than equivalent products from other manufacturers. We can supply product in full width, slit rolls or fabricated pieces.

DuraLam® and DuraFab® Fabrics and DuraStick® Tapes are used in the fenestration industry on the welders that bond the vinyl extrusions of new and replacement windows and doors. The tapes and fabrics cover the heated platens to prevent the hot PVC from sticking to the plates.

These fabrics have decreased down-time by lasting longer than other materials!



Questions? Talk to a Non-Stick Applications Expert
800-334-9372
sales@afconline.com



AFC Products for PVC Welding Applications

Emergency Services

With the shortest turnaround times in the industry, AFC has built its reputation upon its extraordinary service capabilities. Customer service hours are from 8:30 AM to 6:00 PM EST.

- Same Day Emergency Services: Most orders placed before 1:00 PM EST
- Next Day Emergency or Expedited Services
- Normal Service: Ships within 5 working days

FABRICS

GOOD
20
SERIES

DuraFab® Series 20 Fabric

Manufactured from woven fiberglass substrates DuraFab® Industrial Fabrics possess an optimal PTFE content. They are engineered to obtain dimensional stability, durability, excellent tensile strength and extremely low elongation (<1%).

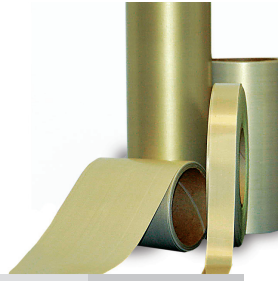


Product ID	Color	Nominal Thickness	Weight (lbs/sq yd)	Tensile Warp (lbs/sq in)	Tensile Fill (lbs/sq in)	Tear Warp (oz)	Tear Fill (oz)	Full Width (in.)
20-05	Tan	.005"	0.48	100	112	64	67	40
20-06	Tan	.006"	0.54	100	112	46	47	40

BETTER
25
SERIES

DuraLam® Series 25 Gold Laminate Fabric

Series 25 fabrics offer higher abrasion resistance and maintain their low coefficient of friction even after prolonged service.



Product ID	Color	Nominal Thickness	Weight (lbs/sq yd)	Tensile Warp (lbs/sq in)	Tensile Fill (lbs/sq in)	Tear Warp (oz)	Tear Fill (oz)	Full Width (in.)
25-05	Gold	.005"	0.49	100	112	30	25	50
25-06	Gold	.006"	0.54	100	112	30	25	50

BEST
85
SERIES

DuraFab® Series 85 Burgundy Fabric

Designed for extremely demanding manufacturing processes, AFC's DuraFab® HD (Heavy Duty) Elite 85 (burgundy) series maximize application life and are specifically formulated to withstand abrasive window profiles.



Product ID	Color	Nominal Thickness	Weight (lbs/sq yd)	Tensile Warp (lbs/sq in)	Tensile Fill (lbs/sq in)	Tear Warp (oz)	Tear Fill (oz)	Full Width (in.)
85-05	Burgundy	.005"	0.52	140	160	40	60	49
85-06	Burgundy	.006"	0.57	120	120	30	40	49
85-06T	Burgundy	.0065"	0.61	190	180	60	80	49

The Dura-Advantages:

- Decrease maintenance costs
- Suitable for all UPVC welding equipment
- Minimize downtime
- Abrasion and heat resistant
- Excellent release characteristics
- Dimensional stability under heat and pressure

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TAPES

DuraStick® silicone tapes are furnished with a yellow liner and are an excellent choice when the tape is being applied to a heated surface. Silicone adhesives operate over a wide range of temperatures -100°F to 550°F (-73°C to 288°C).

GOOD
220
SERIES

Product ID	Color	Adhesive System	Nominal Thickness (Substrate)	Nominal Thickness (Adhesive)	Adhesion (oz/inch of width)	Tensile Strength (lbs/sq inch)	Full Width (in)	Slit Roll Lengths (yard)
220-05S	Tan	Silicone	0.005"	0.0020"	40	56	39.5	18, 36
220-06S	Tan	Silicone	0.006"	0.0025"	45	100	39.5	18, 36

BETTER
225
SERIES

Product ID	Color	Adhesive System	Nominal Thickness (Substrate)	Nominal Thickness (Adhesive)	Adhesion (oz/inch of width)	Tensile Strength (lbs/sq inch)	Full Width (in)	Slit Roll Lengths (yard)
225-05P	Gold	Silicone	0.005"	0.0022"	30	100	39.5	18, 36
225-06P	Gold	Silicone	0.006"	0.0025"	30	100	39.5	18, 36

BEST
285
SERIES

Product ID	Color	Adhesive System	Nominal Thickness (Substrate)	Nominal Thickness (Adhesive)	Adhesion (oz/inch of width)	Tensile Strength (lbs/sq inch)	Full Width (in)	Slit Roll Lengths (yard)
285-05P	Burgundy	Silicone	0.005"	0.002"	30	140	49"	18, 36
285-06P	Burgundy	Silicone	0.006"	0.002"	30	120	49"	18, 36
285-06TP	Burgundy	Silicone	0.0065"	0.002"	30	190	49"	18, 36



How to Order

1. Select material style (from the tables)
2. Determine whether you desire FULL WIDTH or SLIT FABRIC or TAPE.
FULL WIDTH materials are available in the above widths and are ordered by the lineal yard or lineal meter.
SLIT materials are available from 1/4" wide up to the maximum width from the table and can be slit to the nearest 1/32". They are sold in 18 and 36 yard rolls (For availability contact AFC.)
3. Designate your width
A full width from the above tables or a custom slit width (inches or millimeters).
4. Select your length
Full widths are sold by the lineal yard or meter in any length required. Slit widths are sold in 18 or 36 yard rolls.

Full Width Fabric Order Example

Material Style-85-05, Full Width-49", Length-55 yards

Slit Roll Tape Order Example

Material Style-285-05P, Width 2", Length-18 yards

Contact your local AFC representative or call our Customer Service Department at 800-334-9372 for more information.