

Understanding the Properties of our PAF Series And Some of the Recommended Applications

PAF SERIES Polyester Adhesive Films

Adhesive Films, Inc. polyester adhesive films are versatile, high performance heat activated adhesives primarily used on fabrics, metals, plastics and wood.

The **PAF Series** is available to you in several ways:

- ⇒ In roll form on release paper;
- ⇒ In roll form, "Stripped" - without release paper; or
- ⇒ Laminated to fabric, film or foil

These products can be heat sealed in a range of temperatures based on their gauge or thickness. **AFI's standard** gauges range from .0015" up to .007".

If you require a non-standard thickness, **AFI** is available to discuss your specific needs.

Another advantage offered by **Adhesive Films, Inc.** is the ability to color pigment your film for your specific needs. Just ask us how we can help you achieve this!

Many films offered in today's market cannot withstand a commercial laundry or commercial dry cleaning process, but at **AFI** we have products within our **PAF Series** that will withstand these treatments.

What are the benefits of polyester adhesive films?

Here are some of the industries currently utilizing our **PAF Series**:

- **Apparel & Textile:** either heat or RF adhesion to fabrics such as Polyester, Cotton, Rayon & Fiberglass.
- **Automotive:** products that are temperature resistant and will bond to fabrics, metals or plastics.
- **Cabinetry & Furniture:** adhesion to wood products; composites & laminates; and adhesion to metals and plastics.
- **Electronics:** adhesion to nonporous surfaces.

Polyester adhesive films are one of the most versatile high performance products for a variety of end-uses. **AFI's** uniquely formulated films are engineered to exhibit a wide range of performance characteristics.

ASK DR. AFI

Looking for a solution?

Have a quality issue?

Need a better bond?

*Want improved product
durability?*

What's **your** dilemma?

Submit it to us at:

info@adhesivefilms.com

We'll do our best to help you
find the answer!

Did you know . . . AFI offers films with the following attributes?

- ◆ Abrasion Resistance
- ◆ Anti-fraying
- ◆ Anti-skid
- ◆ Barrier Coating
- ◆ Bonding
- ◆ Chemical Resistance
- ◆ Waterproofing
- ◆ Cold Crack Resistance
- ◆ Heat Resistance
- ◆ Flame Resistance
- ◆ Positioning
- ◆ High or Low Melt Flow
- ◆ High or Low Melt Point
- ◆ Reinforcing
- ◆ Solvent Resistance
- ◆ Stiffening
- ◆ UV Stability
- ◆ Washable & Dry Cleanable

Color:

AFI can add color pigment to



most "clear" tapes. Minimum

quantities and special pricing may apply.

Heat Sealing

What does this mean?

Basically, a dry thermoplastic adhesive film is activated for bonding by using a combination of **temperature, pressure and time.**

The *heat source* (temperature) can be any one of many thermal methods such as:

- ⇒ Heated Sealing Presses
- ⇒ Fusing Presses / Hot Roll Lamination
- ⇒ Hot Air Welding
- ⇒ Hot Wedge Welding
- ⇒ Ultra-sonic Welding
- ⇒ Household Iron

Pressure is achieved through:

- ◆ Direct piston pressure
- ◆ Rotary nip rollers
- ◆ Simple hand pressure

Proper sealing is accomplished in a matter of seconds!

Every film that **AFI** produces is unique in the attributes it possesses. When considering an adhesive film for your application, various requirements come into play.

The selection of available films from **AFI** is virtually limitless.

We can assist you by working closely with your production managers, buyers, engineers, and R&D personnel.

AFI is here to help you solve your various production and manufacturing problems.

At **AFI**, all of our manufacturing processes use dry, **SOLVENT FREE** components. We promoted solvent free products to protect the

- ◆ Environment;
- ◆ The health of your employees who work with our products; and
- ◆ The consumers who ultimately purchase your products.



Remember When your product needs to withstand the most extreme conditions, **Adhesive Films, Inc.** makes it *extremely possible!!*