

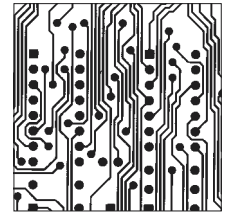
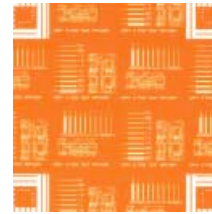
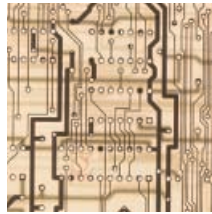


Product:
Tecnilith APF-L/APF-LV

Intelicoat Technologies
700 Crestdale Street
Matthews, NC 28106-7003

(800) 688-9171 voice

(704) 845-4307 fax



Tecnilith Artwork Protect Film

Application

Tecnilith APF-L and APF-LV Artwork Protect Films are designed to add stability and life to delicate electronic circuit board artwork.

Features

High resolution, image accuracy, consistent laminating results, compact and clean.

Benefits

Protects artwork from scratches and chemical damage from LPI inks and chemical solutions without interfering with light transmission.

These films can be used with our laminators or your existing laminating equipment.

Protect Your Business From Lost Productivity Due To Damage of PCB Artwork

Tecnilith APF-L (matte) and APF-LV (super matte finish) Artwork Protect Films prevent scratches and chemical damage to printed circuit artwork that may occur during use or cleaning. Their powerful barrier protection, both clear and thin, offer high light transmission and low haze. They can be easily applied using Intelicoat's Tecnilith laminators or with your existing laminating equipment.

Intelicoat Is The Supplier To Rely On

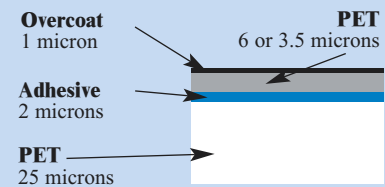
Tecnilith APF-L and APF-LV films are manufactured in facilities that meet the highest industry standards:

- Class 1000 cleanrooms
- Class 100 coating heads and dryers

Intelicoat manufactures Tecnilith APF-L and APF-LV to meet the specific requirements of the PCB industry.

We are one of the world's largest manufacturers of precision-coated products for numerous imaging applications. For more than 30 years, Intelicoat has manufactured products for the electronics industry, including artwork protect films, dry film resist, phototool film and other electronic films and laminates.

For more information or to place an order call toll-free 800-688-9171 ext. 4450 or email: karcher@intelicoat.com



Tecnilith

Features	Benefits
6 or 3.5 microns PET barrier	Can save up to 45% of phototool cost Prevents scratches and chemical damage
Excellent light transmission qualities	Reproduces fine lines and spaces
2 microns clear adhesive	Easily removed and reapplied
1 micron overcoat/release/anti-static liner	Prevents mask and airborne contaminants from sticking to the phototool, easy to clean
Available in 10"-29" wide rolls	Choose from sizes that minimize waste and inventory
Laminator	Apply with your existing laminator, or ask about our product line
Companion Roll —Film or Paper	Film— for cleanroom use; Paper— for standard use

USA:

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700 Crestdale Street, Matthews NC 28106-7003

USA:

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Europe:

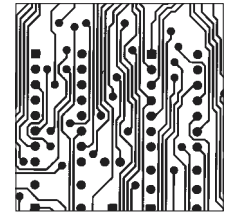
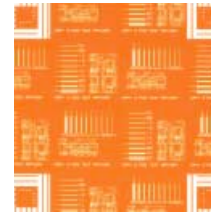
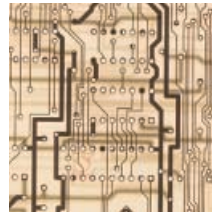
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Product:
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Product Specifications

- Visually transparent film that can exhibit a slight iridescence when viewed in reflective light.
- Supplied with Paper or 2mil antistatic Polyester carrier web (companion rolls).
- Manufactured in Cleanroom Class 1000 facilities
- For use with 30” or 24” laminators
- Designed to laminate a variety of silver halide and diazo phototools
- Available in 6µ and 3.5µ film
- Slipcoat resists scratches and deterioration by chemical solvents

Structure

- ~1.0 micron Slipcoat
- ~6 or ~3.5µ Polyester
- ~2.0µ Adhesive
- ~25µ (92g) Polyester Release Liner

Properties

- ~1% haze (APF-L)
~6% haze (APF-LV)
- ~88% light transmission (APF-L)
~80% light transmission (APF-LV)
- ~17grams per linear inch Initial Tape Adhesion (Release)
- Initial Peel Silver Halide:
~200 grams per linear inch
- Initial Peel Diazo:
~210 grams per linear inch
- ±1/16” Slitting tolerance
- 18, 20 & 24 & custom widths
- 500’ and custom lengths
- Resistant tested for PCB chemicals

Advantage	Benefit
Complete research and development lab	We develop our own chemistries to solve problems and develop new products specific to the PCB industry.
Stringent standards	We manufacture APF-L and APF-LV in class 1000 cleanrooms.
Quality control	We monitor and document quality throughout the production process to ensure complete traceability, better value and consistent products.
Technical support	Our fully integrated assist teams support the customer in all aspects of the business.
Heavily invested facilities	Our five facilities are ISO certified, equipped with emission, temperature and humidity control systems, and incorporate Class 10,000 to Class 1000 manufacturing.
Customer driven	As a premiere contract coater, we strive to exceed the customer’s expectations in quality and service.
Proven experience	With a legacy of more than 30 years of design, processing and engineering of precision coatings we are the worldwide leader in the electronics industry.
Tecnilith Film	Benefit
Chemical resistance	Tecnilith APF has been tested against all know solvent types used in PCB photoshops and has exhibited exceptional chemical resistance.
Product size	Tecnilith APF-L/APF-LV is available in 3.5µ and 6µ film thicknesses in any custom width or length.
Tecnilith Laminator	Benefit
Machine specifications	The Tecnilith Laminator was developed to achieve optimum performance from APF-L/APF-LV films.
Laminator design	The Tecnilith Laminator was designed with improved operator friendly controls and advanced safety features.
Cleanliness	Laminator is available with an optional HEPA filter unit
Flexibility	An optional paper or polyester companion roll is available to meet specific customer needs.



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