

MEDICAL POLYESTER FILMS >



Diagnostic Film Specialists

MELINEX®
MELINEX® ST™



 DuPont Teijin Films™

THE TEKRA ADVANTAGE >

Through long-standing relationships with many of the world's leading manufacturers, Tekra serves as a one-stop shop for plastic films used in medical diagnostics. Our team, drawing on more than 50 years of experience, stands ready to guide you to the optimal solution.

Specific Tekra advantages include:

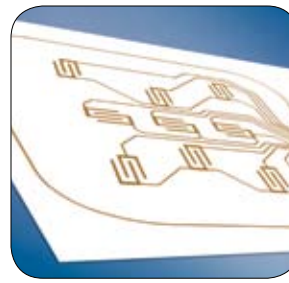
- Exclusive partnership with DuPont Teijin Films™ for medical diagnostics in North America
- Specialized converting and packaging to meet GMP guidelines
- Regional distribution centers
- Detailed product traceability
- Analytical and compliance certification
- ISO 9001:2000 quality system

From concept development through the validation life cycle and clinical trials, to commercial launch, Tekra is your single source provider.



MELINEX® POLYESTER FILM >

Melinex® is a DuPont brand name for biaxially oriented polyester film for medical markets. Our comprehensive inventory includes the full diagnostic product range, from super clear to opaque white polyester, with thermally stabilized versions of each.



Film Type	Gauge Range	Benefits	Pretreatment
Super Clear > labels, decorative laminates, graphic overlays, membrane switch, ID cards			
453	92 – 700	printable, optical clarity, excellent handling	one-side solvent adhesion
454	92 – 700	printable, optical clarity, handling	two-side solvent adhesion
561	500 – 1000	die cuttable, printable	two-side solvent adhesion
725	500 – 1000	multi-uv printable, optical clarity	two-side solvent adhesion/two-side uv curable
Opaque White > label facestock, tags, diagnostic test strips, prepaid cards			
329	92 – 1400	pearlescent appearance, brilliant gloss	none
339	200 – 1000	pearlescent appearance	two-side solvent adhesion



MELINEX® ST™ POLYESTER FILM >

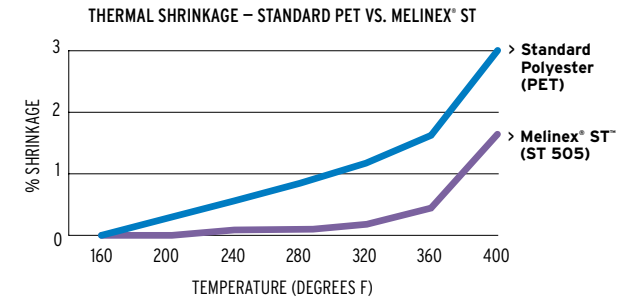
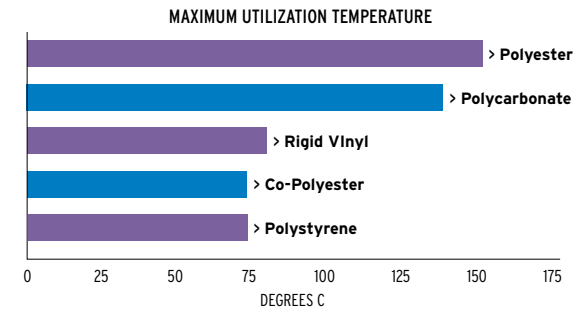
This premier line of heat stabilized polyester film is recognized as the industry's flagship product for dimensional stability. Whether for printing close tolerance silver conductive inks for circuitry, or other heat sensitive processes, customers can count on the consistency and dependability of these films. Tekra carries the industry's largest stocked roll and sheet inventory of Melinex® ST™ products.

Film Type	Gauge Range	Benefits	Pretreatment
Super Clear > graphic overlays, membrane switch circuitry, medical test strips, touch screen displays, RFID tags			
ST504	500 – 700	heat stabilized, clear optics,	one-side solvent adhesion
ST505	500 – 700	heat stabilized, clear optics, UL 94 VTM-2	two-side solvent adhesion
ST730	500 – 1000	heat stabilized, clear optics UL 94 VTM-2	multi-pass adhesion two sides; UV printing
Bright White > medical test strips, labels, laminations, cards, industrial			
ST329	500 – 1000	heat stabilized, pearlescent white, flatness	none
ST529	200	heat stabilized, pearlescent white, flatness, UL 94 VTM-2	none
ST328	1400	heat stabilized, pearlescent white, flatness	two-side solvent adhesion
ST339	500 – 1000	heat stabilized, pearlescent white, flatness	two-side solvent adhesion

Dimensional Stability: MD & TD shrinkage for all stabilized films is < 0.1% (150° C, 30 minutes) unless otherwise indicated.

HIGH PERFORMANCE >

DuPont Teijin Films polyester products are recognized for their exceptional optical clarity, brilliant white pearlescence, adaptability to harsh environments, and dimensional stability. Under many application conditions, polyester films offer performance and durability advantages compared with other substrates.



COATING CAPABILITIES >

Tekra's experienced on-site coating team includes chemists and development technicians. We create custom coatings on polyester, polycarbonate, vinyls and other substrates to achieve enhanced product success.

- ISO 9001:2000 certification
- Custom coating up to 61 inches in width
- Two fully equipped coaters, one in a Class 10,000 clean room environment
- Custom development lab with full-time chemists
- Gauges from 0.001 - 0.030 inches
- Maximum roll OD to 40 inches
- Reverse, direct and kiss-coat gravure coating methods
- UV, solvent-based and water-based coatings
- Capable of hydrophillic and hydrophobic surface coatings

3M Authorized Converter
Authorized Distributor

 DuPont Teijin Films™

North American Authorized Distributor
Exclusive Distributor to the North American
Medical Diagnostics Market



FOR MORE INFORMATION:

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**HEADQUARTERS
LOCATION**

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BRANCH LOCATIONS

Charlotte, NC
Orange, CA

Additional Shipping Point

Franklin, MA

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