

Stock Label Material Specifications



ILS 207 Clear Polyester

2-mil Clear Polyester with permanent acrylic adhesive. Temperature range is -40°F to +302°F (-40°C to 150°C). Durable top-coat resists smudging and abrasion when printed with the RB-3000 or RB-8000 ribbons, as well as conventional inks. RoHS Compliant.

ILS 217L Glossy White

2-mil Glossy White Polyester with static-dissipative characteristics. Permanent acrylic adhesive. Temperature range is -40°F to +302°F (-40°C to 150°C). Durable top-coat resists smudging and abrasion when printed with the RB-3000 or RB-8000 ribbons, as well as conventional inks. RoHS Compliant.

ILS 219 Matte Silver Polyester

2-mil Matte Metalized Silver Polyester with permanent acrylic adhesive. Temperature range is -40°F to +302°F (-40°C to 150°C). Durable top-coat resists smudging and abrasion when printed with the RB-3000 or RB-8000 ribbons, as well as conventional inks. RoHS Compliant.

ILS 222 Thermal Transfer Paper

Ultra-smooth premium Thermal Transfer Paper. Top-coat is ideal for Thermal Transfer or Flexographic printing for all applications. Permanent acrylic adhesive has excellent adhesion to a wide variety of surfaces. Temperature range is -4°F to +176°F (-20°C to 80°C). RoHS Compliant.

ILS 222DP Direct Thermal Paper

Chemically treated and barrier coated paper for Direct Thermal printing. Barcode reading with equipment supporting visible red laser. Permanent acrylic adhesive has excellent adhesion to a wide variety of surfaces. Temperature range is -4°F to +176°F (-20°C to 80°C). No ribbon necessary to print on this material due to its special, chemically-treated surface. RoHS Compliant.

ILS 318 White Polyimide

2-mil White Polyimide (Kapton®) with permanent acrylic adhesive. Temperature range is -40°F to +600°F. Temperature spikes beyond 600°F may be within acceptable operating range. Durable top-coat resists smudging and abrasion when printed with the RB-8000 series ribbons. RoHS Compliant.

ILS 318B Blue Polyimide

2-mil Blue Polyimide (Kapton®) with permanent acrylic adhesive. Temperature range is -40°F to +600°F. Temperature spikes beyond 600°F may be within acceptable operating range. Durable top-coat resists smudging and abrasion when printed with the RB-8000 series ribbons. RoHS Compliant.

ILS 318G Green Polyimide

2-mil Green Polyimide (Kapton®) with permanent acrylic adhesive. Temperature range is -40°F to +600°F. Temperature spikes beyond 600°F may be within acceptable operating range. Durable top-coat resists smudging and abrasion when printed with the RB-8000 series ribbons. RoHS Compliant.

ILS 320 Extra-Aggressive

2-mil White Silver Polyester with extra aggressive, as well as static-dissipative adhesive. Extra aggressive acrylic adhesive resists oozing and has outstanding adhesion to a variety of surfaces, including textured powder painted surfaces. Temperature range is -40°F to +302°F (-40°C to 150°C). Durable top-coat resists smudging and abrasion when printed with the RB-3000 or RB-8000 ribbons, as well as conventional inks. RoHS Compliant.

ILS 321 Static-Dissipative Polyimide

2-mil White Polyimide (Kapton®) with static-dissipative permanent acrylic adhesive. Temperature range is -40°F to +600°F. Temperature spikes beyond 600°F may be within acceptable operating range. Durable top-coat resists smudging and abrasion when printed with the RB-8000 series ribbons. RoHS Compliant.

ILS 324 Extra-Aggressive Adhesive Silver Polyester

2-mil Metalized Silver Polyester with extra aggressive, as well as static-dissipative adhesive. Extra aggressive acrylic adhesive resists oozing and has outstanding adhesion to a variety of surfaces, including textured powder painted surfaces. Temperature range is -40°F to +302°F (-40°C to 150°C). Durable top-coat resists smudging and abrasion when printed with the RB-3000 or RB-8000 ribbons, as well as conventional inks. RoHS Compliant.

ILS 335 Self-Laminating Vinyl

3.5-mil Clear Vinyl with Thermal Transfer Imprintable white area. Clear "tail" area wraps around the printed area, serving as an overlamine to protect the print from outside elements. Typically used in wire, cable, tube identification labeling and certain lab-environment applications for text and barcode identification of products, specimens, etc. The acrylic adhesive has excellent adhesion characteristics to a variety of surfaces. Temperature range is -40°F to +176°F (-40°C to 80°C). RoHS Compliant.

ILS 601 Removable White Polyester

2-mil White Polyester label with Ultra Removable Acrylic Adhesive. ILS 601 has good initial tack, yet removes cleanly without leaving any residue, making it an excellent choice for all applications requiring a removable label. Temperature range is -20°F to +176°F (-32°C to 80°C). Durable top-coat resists smudging and abrasion when printed with the RB-3000 or RB-8000 ribbons, as well as conventional inks. RoHS Compliant.

Additional Materials

In addition to the materials listed on this page, we have hundreds of other substrates and adhesives available for immediate production. If the label material you need is not listed here, please contact one of our Application Specialists so they can assist you in selecting the best material for your specific application.

Label Printing Systems

- Complete System
 - Printer
 - Software
 - Communications Cable
 - Installation & Training

Labels & Ribbons

- Stock Labels & Ribbons
- Custom Labels

Automated Print & Apply Systems

- Full or semi-automatic
- Label application in different angles

Data Collection Systems

- Barcode & RFID based systems
- WIP Tracking
- Asset Tracking
- Inventory Tracking
- Barcode and RFID readers

Advanced Enterprise Level Software Solutions

- ERP and MRP Host integration
- Distributed printing
- Custom Software Development
 - Developed To YOUR Specifications

Service

- Preventive Maintenance
- Depot Repair
- On-site Repair
- Service Contracts
 - Silver Plan
 - Gold Plan
 - Platinum Plan

Technical Support

- Telephone Support
- Internet-based Support
- Training



Corporate Headquarters

10 Kidder Road

Chelmsford, MA 01824 USA

Phone: + 1-978-250-4414 Fax: + 1-978-250-1633

www.ils-barcode.com