

The best printing solution is achieved when the printer, ribbon and media are matched to the application requirements. All Genuine Printronix Auto ID Supplies have been thoroughly tested and qualified through our printers so that we can offer the “perfect match.” This means that through the optimized combination of your Printronix Auto ID printer and Genuine Printronix Auto ID Supplies, you will enhance your efficiency, minimize your costs and enjoy a “no worry” printing solution.



Label Material

105- Premium coated paper with permanent acrylic adhesive

105 RFID- Premium coated paper with permanent acrylic adhesive. RFID inlay

180T- Premium coated tag stock

600 Series- Polypropylene label stock. Gloss white & matte white

700 Series- Polyester label stock. Gloss white, matte white and matte chrome

*Many other label materials and adhesives are available.

*Please see reverse side for additional product details.



Thermal Transfer Ribbons

8050 – Standard Wax

8300 – Premium Wide Spectrum Wax

8500 – Standard Wax/Resin

8550 – Premium Wax/Resin

8600 – Specialty Wide Spectrum Resin

8650 – Standard Resin

8770 – Ultra Durable Resin

*Please refer to our formulation-specific datasheets for product details and specifications.

Application considerations when choosing media.

Durability (label material and printed image)

- Expected lifespan of label
- Indoor or outdoor use
- Tear and abrasion resistance
- Resistance to chemicals, oil, solvents
- Resistance to moisture

Surface to be labeled

- Type of surface – plastic, metal, paper, corrugated, wood etc.
- Surface characteristics – smooth, rough, rounded, flat, flexible etc.
- Surface contaminates – wet, oily, dirty etc.

Adhesive requirements

- Permanent, removable or repositionable
- Temperature and environment when label is applied
- Temperature and environment during life of label

PRINTRONIX AUTO ID - COMPATIBILITY & APPLICATION CHART

MATERIAL	DESCRIPTION	8050	8300	8500	8550	8600	8650	8770
105	Premium coated paper with permanent acrylic adhesive. Typical Applications: • Shipping • General warehouse • Address • AIAG • LOGMARS • Product ID • Hardware parts supply							
105 RFID	Pressure-sensitive label with an RFID transponder (inlay) embedded between the label facestock and its release liner. Typical applications: • EPC Class 1 • Gen 2 RFID compliance applications • Pallet and case labels							
180T	Coated paper tagstock. Typical applications: • Retail hangtag • Warehouse bin and pouch inserts • Inventory control • Work in process • General purpose tag							
600 Series	Matte & gloss white polypropylene w/ permanent acrylic adhesive. Typical applications: • UL/CSA compliant nameplate labels • Harsh environment • Asset labeling • Shelf labels							
700 Series	Matte, gloss & chrome white polyester w/ permanent acrylic adhesive. Typical applications: • UL/CSA compliant nameplate labels • Harsh environment • Laboratory labels • Asset labeling • Automotive labels • Durable goods labeling							

The Printronix Auto ID Range of Thermal Transfer Ribbons

8050 – STANDARD WAX

- Widely used for barcode applications. Provides excellent print quality
- Suitable for standard labeling applications
- Compatible with most coated and non-coated paper labels

8300 – PREMIUM WIDE SPECTRUM WAX

- Resin-enhanced wax
- Best scratch and smudge resistance for a wax ribbon
- Supports high speed printing
- Excellent print quality on all papers and some film materials

8500 – STANDARD WAX/RESIN

- General purpose wax/resin formulation
- Superior print quality on all common papers and films. Our most versatile formulation
- Prints at low temperatures and high speed

8650 – PREMIUM WAX/RESIN

- Designed to print on a wide range of coated papers and films
- Very sharp print quality, enabling ladder and rotated barcode printing simultaneously
- Enhanced abrasion and scratch resistance

8600 – SPECIALTY RESIN

- Excellent mechanical resistance, including abrasion and scratch
- Extensive adaptability to a wide range of materials
- Supports higher print speeds

8650 – STANDARD RESIN

- Adaptable to a wide range of label materials
- Supports high speed printing
- Very high resistance to solvents and abrasion

8770 – ULTRA DURABLE RESIN

- Developed for extreme environment labeling
- Unmatched scratch and solvent resistance
- Maximum durability