

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**

**Thermal Transfer Paper-** Premium coated paper with permanent acrylic adhesive

**Thermal Transfer RFID-** Premium coated paper with permanent acrylic adhesive. RFID inlay

**Thermal Transfer Tag-** Premium coated tag stock

**Thermal Transfer Polypropylene-** Gloss white & matte white

**Thermal Transfer Polyester-** 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

**8550** – Standard Wax/Resin

**8580** – Premium Wax/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	8000	8050	8300	8550	8580	8650	8770
<b>THERMAL TRANSFER PAPER</b>	Premium coated paper with permanent acrylic adhesive. <b>Typical Applications:</b> • Shipping • General warehouse • Address							
<b>THERMAL TRANSFER RFID</b>	Pressure-sensitive paper label with an RFID transponder (inlay) embedded between the label facestock and its release liner. <b>Typical applications:</b> • EPC Class 1 • Gen 2 RFID compliance							
<b>THERMAL TRANSFER TAG</b>	Coated paper tagstock. <b>Typical applications:</b> • Retail hangtag • Warehouse bin and pouch inserts • Inventory control • Work in process • General purpose tag							
<b>POLYPROPYLENE</b>	Matte & gloss white polypropylene w/ permanent acrylic adhesive. <b>Typical applications:</b> • UL/CSA compliant nameplate labels • Harsh environment • Asset labeling • Shelf labels							
<b>POLYESTER</b>	Matte, gloss & chrome white polyester w/ permanent acrylic adhesive. <b>Typical applications:</b> • 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

### 8000 – ECONOMY WAX

- Our most competitive wax ribbon
- Ideal solution for applications particularly sensitive to the quality/ price ratio
- Compatible with most coated and non-coated paper labels

### 8650 – 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

### 8550 – 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

### 8580 – 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

### 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