

# THERMAL IMAGING

## HIGH QUALITY TEXT AND GRAPHICS

Consistent, high quality bar code labels and tags

## COST EFFECTIVE OPERATION

Combines excellent print quality with cost effective high yields

## CERTIFICATION TESTING

Assures maximum output quality

## CHOICE OF RIBBON LENGTHS

Standard 450 meter and extra long 625 meter increases productivity

## OPTIMIZES PRINT HEAD LIFE

The most popular Printronix thermal ribbons are back coated, extending the life of the print head up to 4x industry standard



## DESIGNED TO MAKE THE BEST IMPRESSION

Bar code labels are the key to efficiency in today's fast-moving supply chains. A bad bar code can reduce efficiency and result in non-compliance fines, lagging production lines and delayed shipments. That is why Genuine Printronix thermal transfer ribbons and media, working as a team and matched to the specific application's requirement, ensures your thermal printer is ready for all "mission-critical" applications.

### ADDITIONAL BENEFITS

- Designed and manufactured for Printronix T5000r™ ENERGY STAR®, SL5000r™ ENERGY STAR®, T4M and SL4M printers, Genuine Printronix Supplies produce consistent, high quality bar code labels and tags
- Genuine Printronix imaging solutions combine excellent print quality with cost-effective high yields; they are carefully formulated and produced to provide high performance and to extend the life of your printer
- Performance tested and certified with Printronix labels and ribbons for maximum output quality

- Available in industry leading length of 625 meters, as well as standard 450-meter length
- Variety of ribbon widths meets most application requirements
- 8300 and 8500 ribbons are back coated to provide maximum transfer of energy and extend the life of the print head up to 4 times the industry standard
- A Printronix thermal transfer printer can print up to 4 rolls (up to 2,000 feet) of label or tag stock before requiring a ribbon change
- Conveniently packaged six (6) per box, each ribbon is shrink wrapped for maximum functional life

**PRINTRONIX®**

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## THERMAL TRANSFER RIBBONS

SERIES	RIBBON DESCRIPTION	IMAGE DURABILITY	APPLICATIONS
8300	Wide spectrum wax ribbon designed for high-volume and compliance label printing applications where per label print costs are critical	Good smudge and scratch resistance	General purpose applications using coated and uncoated paper label/tag stock
8500	Wax resin blend ribbon combining excellent high-speed print quality with premium durability and performance	High smudge and scratch resistance	Label/tag applications using coated paper or synthetic label/tag stock
8550	Premium wax resin blend ribbon combining excellent high-speed print quality with premium durability and performance on flood-coated labels	High smudge and scratch resistance	Applications using flood-coated label/tag stock
8600	Specialty resin ribbon producing premium print quality on a wide range of label/tag stock	Excellent image and scratch resistance	Produces excellent results with a wide range of synthetic or coated paper label/tag stock; outstanding quality on glossy surfaces
8700	Harsh environment ribbon designed for industrial "toughness"	Excellent heat, chemical and abrasion resistance	Designed for synthetic label/tag stock used in industrial applications; listed for UL® applications
8770	Harsh chemical resin ribbon specifically qualified for automotive and UL applications	Excellent heat, chemical and abrasion resistance	Designed for synthetic label/tag stock and qualified for tough underhood and exterior automotive labels; meets GM 6121M Suffix B requirements; listed for UL applications

## LABELS AND TAGS

SERIES	MEDIA	MEDIA DESCRIPTION	APPLICATIONS
105	Label	Premium coated paper w/ permanent acrylic adhesive	Compliance shipping, general warehouse, address, AIAG, product ID, hardware parts supply
110	Label	Premium coated paper w/ permanent acrylic adhesive	Compliance shipping, general warehouse, address, AIAG, product ID, hardware parts supply
120R	Label	Premium coated paper w/ removable adhesive	Temporary product ID, pricing, point of sale, shelf marking labels which can be cleanly removed
180T	Tag	Coated paper tag stock (7.0 mil)	Retail hangtags, warehouse bin and pouch inserts, inventory control, work in process, general purpose tags
205	Label	Direct thermal paper w/ permanent acrylic adhesive	Compliance shipping, general warehouse, address, AIAG, product ID, hardware parts supply
510	Label	White polyolefin w/ permanent acrylic adhesive (4.0 mil)	Durable satin finish for chemical pails and drums and general outdoor and industrial use
520	Label	Smudgeproof white polyolefin w/ permanent acrylic adhesive	Outdoor exposures, especially chemical drums, etc., provide a markable smudgeproof topcoat
580T	Tag	Smudgeproof poly-tag stock (8.5 mil)	Outdoor nursery, lumberyard, and industrial environment hang tags and insert tags
710	Label	Matte white polyester w/ permanent acrylic adhesive (2.0 mil)	UL/CSA compliant nameplate labels, harsh environment and laboratory labels
720	Label	Gloss white polyester w/ permanent acrylic adhesive (2.0 mil)	UL/CSA compliant nameplate labels, harsh environment and laboratory labels
730	Label	Platinum polyester w/ permanent acrylic adhesive (2.0 mil)	UL/CSA compliant nameplate labels, harsh environment and laboratory labels

## RFID SMART LABELS

SERIES	MEDIA	MEDIA DESCRIPTION	APPLICATIONS
110 RFID	Smart Label	Premium coated paper w/ permanent acrylic adhesive with RFID Class 1, Gen 2 Squiggle Antenna	EPC Class 1, Gen 2 RFID compliance applications - pallet and case labels

For the best image quality & durability, the ribbon type & media must be compatible. The following chart illustrates the combinations of Printronix ribbons and media that produce the best results.

## RIBBON / MEDIA COMPATIBILITY CHART

SERIES	MEDIA SERIES: 105	110	120R	180T	510	520	580T	710	720	730	RFID LABEL 110
8300											
8500											
8550											
8600											
8700											
8770											

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