PRINTRONIX®

GLOBAL PRINTING...ENABLED.

RFiD (((SMART)))™

RFID SMART LABEL IMAGING SOLUTIONS

RFID SMART LABELS

RFID Smart™ Labels are emerging as the next step in driving efficiencies in today's supply chains. Printronix RFID Smart Labels and thermal transfer ribbons, working as a team, to matched to your specific application requirements, ensure your RFID label printer is ready for your "mission-critical" RFID compliance applications. Your RFID Smart Label imaging solutions have the full backing of Printronix in solving your RFID application needs.

EPCGLOBAL STANDARDS

Electronic Product Code (EPC) is designed to uniquely identify products in the supply chain. Printronix Smart Labels are based on Version 1.0 EPCglobal standards for Class 1 tags. Tags are designed for read/write applications.

EPCglobal

PERFORMANCE

Printronix Smart Labels are designed for the supply chain applications and Printronix thermal transfer ribbons provide matching print image toughness. Label facestock is premium coated for best thermal transfer print quality and are available with a choice of general-purpose permanent or freezer grade adhesives.

MATCHING PRINTRONIX THERMAL TRANSFER RIBBONS

Use of Genuine Printronix thermal transfer ribbons will ensure optimum print and bar code quality, consistent imaging performance and extended life of the printhead.

SMARTLINE CERTIFIED

Printronix RFID Smart Labels are tested and certified for use in the Printronix SmartLine™ family of printers. With SmartLine Certified Labels you have the convenience of using a full printing solution that is backed and guaranteed by the industry leader in RFID printing – Printronix.

SMART LABEL TECHNOLOGY

Printronix Smart Labels combines the technology of thermal transfer pressure sensitive labels with Radio Frequency Identification (RFID). RFID capability is added to the pressure sensitive label by embedding a RFID tag in the label. This RFID tag contains an antenna attached to a microchip that stores data.

Power for the RFID tag comes from an external reader via an air interface or radio frequency (RF) link that operates at specific UHF frequencies – 915 MHz in the US and 869 MHz in Europe. Data can be written or retrieved from Printronix Smart Labels.

With Printronix SmartLine SL5000e™ RFID printing solution, RFID, bar code and human readable information can all be combined on a single label. This allows you to comply with RFID supply chain requirements while maintaining your bar coding efficiencies.

SUPPORTING MISSION CRITICAL RFID APPLICATIONS.

CLASS 0+ AND CLASS 1 GENERAL PURPOSE SMART LABEL

Printronix Media 110 RFID 64 bit Class 1 Smart Label with Squiggle Antenna and 96 Bit, Class 0+ Smart Label with Dual Dipole Antenna supports UHF 915 MHz applications. Designed for general-purpose case and pallet labeling applications. Labels are tested and certified for printing and encoding with Printronix SmartLine SL5000e Printer.

PRINTRONIX RFID SMART LABELS – ROLLS	RFID Configuration	Adhesive (Note 1)	Label Size W x L (Inches)	Labels Per Roll (Note 2)	Part Number
SMART LABELS FOR T5000 RFID PILOT PRINTER					
Media 110 RFID Smart Label	64 Bit, Class 1 RFID, Squiggle Antenna	PA	4.0 x 6.0	500	204932-001
Media 110 RFID Smart Label	64 Bit, Class 1 RFID, Squiggle Antenna	PA	4.0 x 8.0	400	204932-002
SMART LABELS FOR SMARTLINE SL5000e RFID PRINTER					
Media 110 RFID Smart Label	96 Bit, Class 0+, Dual Dipole Antenna	PA	4.0 x 4.0	500	178540-001
Media 110 RFID Smart Label	96 Bit, Class 0+, Dual Dipole Antenna	PA	4.0 x 6.0	500	178540-002
Media 110 RFID Smart Label	64 Bit, Class 1 RFID, Squiggle Antenna	PA	4.0 x 2.0	1,000	178235-001
Media 110 RFID Smart Label	64 Bit, Class 1 RFID, Squiggle Antenna	PA	4.0 x 4.0	750	178235-002
Media 110 RFID Smart Label	64 Bit, Class 1 RFID, Squiggle Antenna	PA	4.0 x 6.0	500	178235-003
Media 110 RFID Smart Label	64 Bit, Class 1 RFID, Squiggle Antenna	PA	4.0 x 8.0	400	178235-004
Media 110F RFID Smart Label	64 Bit, Class 1 RFID, Squiggle Antenna	F	4.0 x 2.0	1,000	178235-101
Media 110F RFID Smart Label	64 Bit, Class 1 RFID, Squiggle Antenna	F	4.0 x 4.0	750	178235-102
Media 110F RFID Smart Label	64 Bit, Class 1 RFID, Squiggle Antenna	F	4.0 x 6.0	500	178235-103
Media 110F RFID Smart Label	64 Bit, Class 1 RFID, Squiggle Antenna	F	4.0 x 8.0	400	178235-104
SMART LABELS FOR SMARTLINE SLPA7000e PRINT AND APPLY RFID PRINTER - NON PERFORATED BETWEEN LABELS					
Media 110NP RFID Smart Label	96 Bit, Class 0+, Dual Dipole Antenna	PA	4.0 x 4.0	1,730	178540-801
Media 110NP RFID Smart Label	96 Bit, Class 0+, Dual Dipole Antenna	PA	4.0 x 6.0	1,170	178540-802
Media 110NP RFID Smart Label	64 Bit, Class 1 RFID, Squiggle Antenna	PA	4.0 x 2.0	3,360	178235-801
Media 110NP RFID Smart Label	64 Bit, Class 1 RFID, Squiggle Antenna	PA	4.0 x 4.0	1,730	178235-802
Media 110NP RFID Smart Label	64 Bit, Class 1 RFID, Squiggle Antenna	PA	4.0 x 6.0	1,170	178235-803
Media 110NP RFID Smart Label	64 Bit, Class 1 RFID, Squiggle Antenna	PA	4.0 x 8.0	880	178235-804
Media 110FNP RFID Smart Label	64 Bit, Class 1 RFID, Squiggle Antenna	F	4.0 x 2.0	3,360	178235-901
Media 110FNP RFID Smart Label	64 Bit, Class 1 RFID, Squiggle Antenna	F	4.0 x 4.0	1,730	178235-902
Media 110FNP RFID Smart Label	64 Bit, Class 1 RFID, Squiggle Antenna	F	4.0 x 6.0	1,170	178235-903
Media 110FNP RFID Smart Label	64 Bit, Class 1 RFID, Squiggle Antenna	F	4.0 x 8.0	880	178235-904

Note 1: Label Adhesive denoted as follows:
PA = Permanent Acrylic – Service Temperature: -5˚ to 200˚ F; Application Temperature: 35˚ to 120˚ F
F = Freezer Grade – Service Temperature: -40˚ to 250˚ F; Application Temperature: 0˚ to 120˚ F
Note 2: Each roll is tested and ships with noted number of operational labels per roll. Non-operational labels are marked with a dot.

PRINTRONIX THERMAL TRANSFER RIBBONS FOR RFID LABELS

Ribbons for T5000e, SL000e RFID Printer and SLPA Print and Apply RFID Printer

Wide Spectrum Wax Ribbon 8300, 4.33″ x 2,051′, Package of 6 ribbons, 175391-103
Excellent general purpose ribbon for RFID printing applications.

Wax Resin Blend Ribbon 8500, 4.33″ x 2,051′, Package of 6 ribbons, 203485-103
Provides premium durability and excellent print quality on RFID label stocks.

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