

Uppgjord - Prepared Yong, Peng-Hoon	Datum - Date 20-Jul-09	Sida - Page 1(3)
Godkänd - Approved Conwell, Kevin	Dok nr - Doc No SIN10399	Revision - Revision E

Inlay Position Specification

1 Inlay type

Avery Dennison AD-223 Gen 2 860-960MHz
Antenna ID: 170-1-1B

2 Printer and antenna setup

Printer	Region	RFID kit P/N
PM4i	869MHz; EU	1-207200-800
	915MHz; USA	1-207201-800
	918MHz, Australia	TBA
	902MHz, Brazil	TBA
	920MHz, China	TBA
	920MHz, Hong Kong	TBA
	919MHz, Malaysia	TBA
	921MHz, New Zealand	TBA
	920MHz, Singapore	TBA
	910MHz, South Korea	TBA
PX4i	920MHz, Thailand	TBA
	869MHz; EU	270-155-001
	915MHz; USA	270-153-001
PX6i	902MHz, Brazil	TBA
	869MHz; EU	270-156-001
	915MHz; USA	270-154-001
	902MHz, Brazil	TBA

3 Label format

Minimum 4"x3" label format and larger label format. $l_{gap} = 3$ mm.

4 Label material

Thermal transfer. Label material: 3 mil paper Duratran II (L6003025) and 6 mil synthetic (L3502280)

Uppgjord - Prepared Yong, Peng-Hoon	Datum - Date 20-Jul-09	Sida - Page 2(3)
Godkänd - Approved Conwell, Kevin	Dok nr - Doc No SIN10399	Revision - Revision E

5 Orientation¹

Chip leading and trailing (photo showing the orientation). Chip up

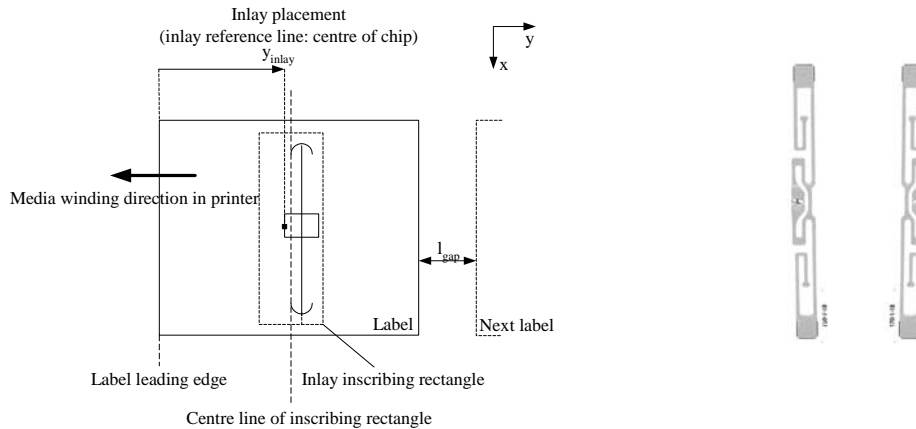


Figure 1 Orientation and position of inlay. In front: Chip leading Back: Chip trailing

6 Inlay position

Printer	Orientation	P _{RF} (dBm)	FS (%)	y _{inlay} (mm)	TAGADJUST	
					FP	IPL
PM4i	Chip leading	24	72	51.5	0	+100
	Chip trailing	24	72	56.5	0	+100
PX4i	Chip leading	24	72	45.5	0	+108
	Chip trailing	24	72	51.5	0	+108
PX6i	Chip leading	24	72	45.5	0	+108
	Chip trailing	24	72	51.5	0	+108

(End application with tear bar as printer reference line used)

Placement tolerance:

Position-x: ± 2mm

Position-y: ± 2mm

Note:

Position-x: In the direction of the printhead width. Reference point is the chip centre

Position-y: In the direction of the paper path. Reference point is the chip centre

** TAGADJUST is for 203dpi printhead

¹ Orientation is applicable for asymmetrical inlays only. Chip first/last means that the chip is closest towards/farthest away from the media winding direction relative to the centre line of the inlay inscribing rectangle. Inlays with the chip still at the centre of the inscribing rectangle are described more explicitly.



Intermec Printers
Singapore

Uppgjord - Prepared Yong, Peng-Hoon	Datum - Date 20-Jul-09	Sida - Page 3(3)
Godkänd - Approved Conwell, Kevin	Dok nr - Doc No SIN10399	Revision - Revision E

7 Revision information

Version	Date	Changed by	Description
A	13-Nov-08	Yong, Peng-Hoon	Release.
B	18-Nov-08	Yong, Peng-Hoon	<ul style="list-style-type: none">• Corrected the recommended inlay position• Updated placement tolerance• Added antenna ID
C	20-Nov-08	Yong, Peng-Hoon	<ul style="list-style-type: none">• Added recommended inlay position for PX printers
D	5-Dec-08	Yong, Peng-Hoon	<ul style="list-style-type: none">• Added TAGADJUST for IPL
E	20-July-09	Yong, Peng-Hoon	<ul style="list-style-type: none">• Added placeholder for new radio configuration RFID kit P/N

Disclaimer: All statements, technical information, recommendations, and other information included in this document or otherwise provided to the recipient, including the guidelines and suggestions for developing converted RFID labels, are provided by Intermec on an as is basis and without warranty of any kind, expressed or implied. Information presented herein is believed to be accurate based on our research and current product and component configurations, but in no way constitutes a guarantee or warranty. User is responsible for all testing of the product in their environment and through their processes to insure that all intended requirements are met, and assumes all risk and liability in connection with end use of the product. Specifications may be updated from time to time without notice, based on changes to RFID components and/or hardware. End users are encouraged to periodically check for such changes in order to avoid potential unexpected impacts to system performance