RFID Label Leveche Impinj Monza M730 White Wet

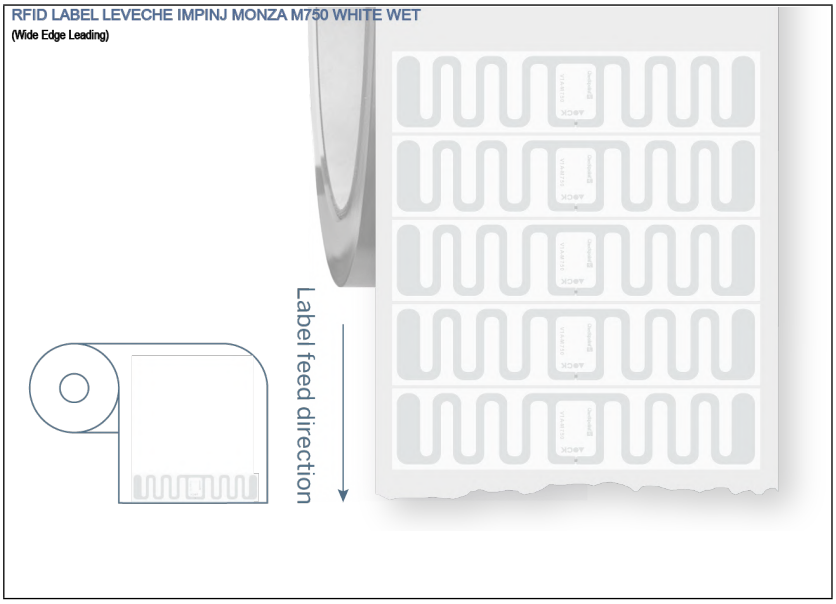
Specification Sheet

PROFILE

Product Description:	**RFID Label Leveche Impinj Monza M730**
Dimensions (WxH):	72 mm X 16 mm (0.63 " X 2.835 ")
Antenna material:	AL(10um)+PET50(UM)

DESCRIPTION

The Leveche M700 was developed as a global RFID label solution for item level tagging of meats, and has received the EECC certificate for mircowave use. The RFID performance is optimum when applied to the outer edges of the tray for chilled or frozen meats. Leveche is compatible with any of the RFID ICs from the Impinj M700 family. It is currently offered with either the Monza M750 or M730 RFID IC, the most recent family of end point ICs from Impinj.
Furthermore it is food safe approved by ISEGA



RFID SPECIFICATIONS

Protocol:	ISO/IEC18000-6C and EPC Global Gen 2v2
Operating Frequency:	860 - 960 Mhz
Chip Type:	Impinj Monza M730
IC life:	100000 write cycles, 10 years data retention.
Unique TID:	48 bits (Read Only)
EPC Memory:	128 bits (Read & Write)
Kill Password:	32 bits (Read & Write)
Access Password:	32 bits (Read & Write)

PERFORMANCE

ETSI Read Range:	18.50 m
FCC Read Range:	16.10 m
Operating Temperature:	0 ˚C to 40 ˚C (-18 ˚F to 4 ˚F)
Operating Humidity:	20 to 80 %
Storage Temperature:	18 ˚C to 28 ˚C (-8 ˚F to -2 ˚F)
Storage Humidity:	40 to 60 %
Loop tack(st.st) - FTM9:	20.46
20min 90 peel - FTM2:	12.75
24hours 90 peel - FTM2:	13.52
Quality:	100% Read Tested

LABEL SPECIFICATIONS

Label Width (Cross Web):	72 mm (2.835 ")
Label Length (Machine Direction):	16 mm (0.63 ")
Label Repeat:	19.05
Liner Width:	76 mm (2,992 ")
Face Stock:	80 gram FSC white face sheet
Adhesive:	Food Safe

DELIVERY AND PACKAGING

Labels Per Roll:	10000
Inlay Orientation:	Machine Direction Orientation: Chip Leading Label Facing Out
Rolls Per Package:	3
Certifications:	RoHS
Part Numbers:	9538602
Leadtime:	weeks ex-works CN

ARC CATEGORIES

RoHS✓
REACH✓

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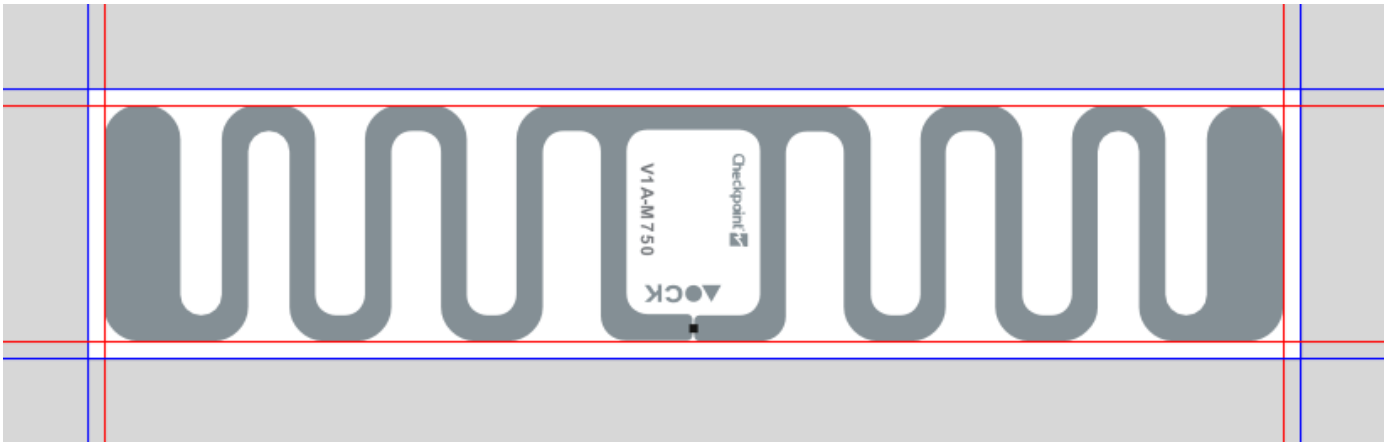
DIMENSIONS

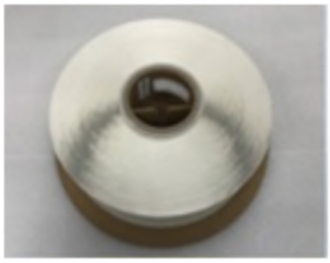


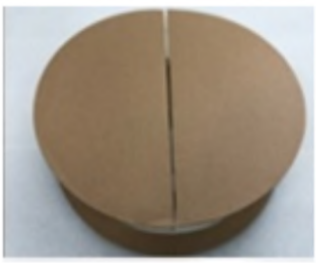
No	Item	Parameters	
1.	Antenna Width:	70.00 mm ±	0.20 mm
2.	Antenna Length:	14.00 mm ±	0.20 mm
3.	Inlay Width:	72.00 mm ±	0.50 mm
4.	Inlay Length:	16.00 mm ±	0.50 mm
5.	Wet Inlay Pitch:		
6.	Antenna Top Edge To Wet Inlay Edge):	1.00 mm ±	0.50 mm
7.	Antenna Bottom Edge To Wet Inlay Edge:	1.00 mm ±	0.50 mm
8.	Antenna Left Edge To Wet Inlay Edge:	1.00 mm ±	0.50 mm
9.	Antenna Right Edge To Wet Inlay Edge:	1.00 mm ±	0.50 mm

No	Item	Parameters	
10.	Wet Inlay Corner Radius	3.00 mm ±	0.20 mm
11.	White Wet Gap	3.05 mm ±	0.50 mm
12.	Wet Inlay Edge To Liner Edge(TOP)	2.00 mm ±	1.00 mm
13.	Wet Inlay Edge To Liner Edge (Bottom)	2.00 mm ±	1.00 mm
14.	Liner Length	76.00 mm ±	1.00 mm
15.	Core Inside Diameter	76.00 mm ±	0.40 mm
16.	Roll Outside Diameter	240.00 mm	

PACKAGING

Packaging Method:	Rolls
Roll count:	10000
Rolls per Carton:	3





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Handling Guidelines

GENERAL RFID PRODUCT RECOMMENDATIONS

1. Tags are electronic devices with sensitive RF properties and can break if not handled with care.
2. Make sure that the application of tags follows the correct procedures to ensure highest performance and quality.
3. Metallic or conductive materials are not suitable for RFID labels as they may weaken RF performance.
4. Handling of RFID products shall be performed by trained personnel only. In case of doubt, please consult your closest Checkpoint Systems RFID supplier.

RFID IN A WORK ENVIRONMENT

In order to avoid IC damage due to static electricity or climatic conditions (temperature and humidity), the following changes can be made to working environment:

- Coat the floor with an antistatic layer, at least on the working platforms.
- Check the air humidity (40-60% RH) and temperature. (20 to 24°C)
- If there is not air conditioning in the production facility, isolate the RFID department and install up-to date air conditioning in that area.
- All employees should wear ESD (electrostatic discharge) clothing and shoes.
- Every time someone touches a roll of inlays, he or she should be grounded.

RECOMMENDATIONS FOR HANDLING AND PACKAGING RFID PRODUCTS

Handling before or during converting/printing:

- Do not open the inlay roll package unnecessarily.
- Open the package only in the RFID facility.
- Do not touch the IC side of the inlay if you are not connected to the ground.
- Try to use the whole roll in one pass.
- If using the whole roll is not possible, put the roll back into the original package, seal it and take it back to storage.
- Do not damage or drop the roll.
- Always keep inlay reels on their side.
- Do not lay rolls on top of inlays.
- Inspect traceability label on the roll and yield prior to converting.
- Review inlay specification for delivery format.

HANDLING AFTER CONVERTING/PRINTING

- Handle the product with care.
- Finish and pack the product directly after inserting.
- When stored, hang the reel from the core or place it on a pallet with a soft underlay.
- Do not wind reels too tight.
- Always keep inlay reels on their side.
- Do not stack pallets or too many RFID products on top of each other.
- Do not roll mother rolls or ready coils on the floor, carry them or use a trolley.
- Keep the working environment tidy and clean.

PACKAGING

- Use a strong package that protects the product well against the moisture.
- Lock rolls with a center shaft or chucks to prevent them from gliding in the box during transport.
- Packaging material must not create static electricity load when handled.

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