

Low Temperature RFID Label

● Profile

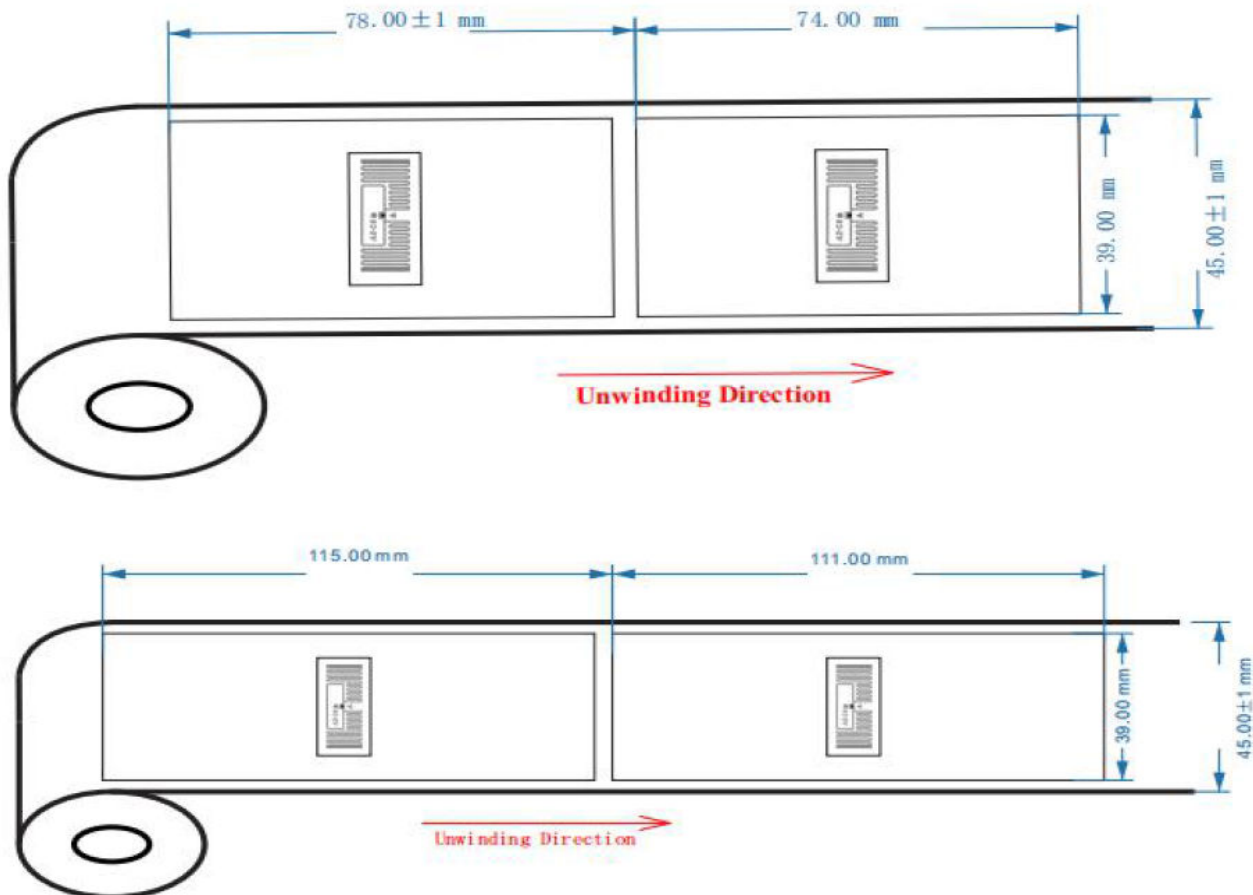
Thin and Flexible, suffer low to -200°C degree.

An ideal tracking RFID tag for after low temperature applications.

● Technical Specification.

- 1, Working Frequency: EPC C1 Gen2 with Global frequency 860MHz to 960MHz (ETSI & FCC etc).
- 2, Suffer low to -200°C degree.
- 3, Read Range: 0.5Mts (depends on reader, antenna and environment etc.)
- 4, EPC data encoding, barcode and human visible information printing
- 5, Customized Size and customized RFID performance.

● Physical Dimension & Structure



● Specifications

Item	Description	Remarks	
Manufacturer of IC	IMPINJ / MONZA R6		
Substrate Material	UPM low temperature resistant material Domestic brand low temperature resistant material	UPM: -198°C degree Domestic Brand: -50°C degree	
Antenna	Etching Aluminum + PET		
Protocol	ISO18000-6C		
Memory	EPC	96 Bits	Read & Write
	User Memory	0	
	TID/Unique TID	48 Bits	Read Only
	Password	32 Bits Access Password 32 Bits Kill Password	Read & Write
Frequency	860 - 960MHz		
Operating Mode	Passive		
IC Life	100,000pcs programming cycles 50 years data retention		
ESD Voltage Immunity	Max. 2000V	Human body mode (HBM)	