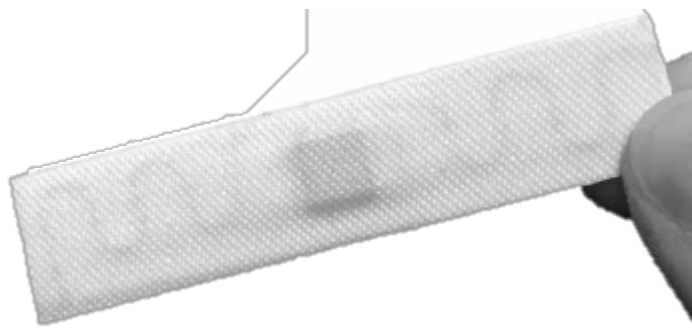


Laundry Tag

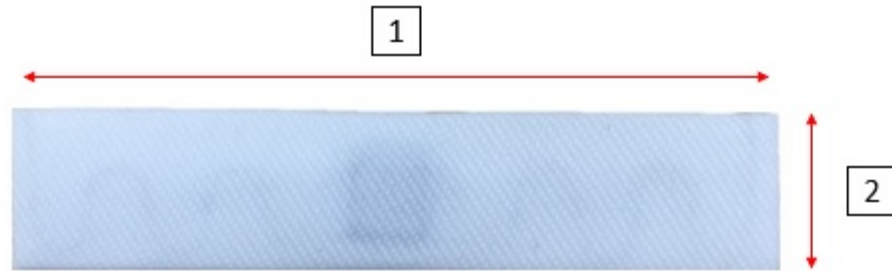
RFID UHF Tag Data Sheet

Tag Classification	Laundry Tag (Polyester)	
Compliance Standard	EPC Class1 Gen2	
Operating Frequency	860-960 MHz	
Operating Mode	Passive	
Data Transfer Rate	Up to 640 kbps	
Manufacture	Antenna: Multi threads, woven, stainless steel Label : Polyester	
Label Dimension	15 x 67 x 2.1 mm	
Recommended Storage	21 ± 10 °C ; (50% RH)	
ESD (HBM)	± 2,000 V	
Chip IC type	Impinj Monza 5	
Memory	EPC	128Bits
	TID	48 Bit TID / 48 Bit Unique TID
	Password	32 Bit Access and 32 Bit Kill Password
	EEPROM data retention	50 years
	EEPROM write endurance	100,000 cycles



Laundry Tag

Label Drawing



NO.	Item	Dimension
1	Label Length	67 ± 3 mm
2	Label Width	15 ± 1 mm

Environmental Resistance

Item	Descriptions
Maximum temperature exposure	220 °C (428 °F) / 30 seconds / 2.5 bars (36.25 PSI)
Tunnel Washer	90 °C (194 °F) / 15 minutes
Pre-drying in tumbler	160 °C (320 °F) / 30 minute
Tunnel Finisher	185 °C (365 °F) / 30 minutes
Sterilization Process	134 °C (273 °F) / 20 minutes
Water Extractor Press	60 bars
Washing Cycles	200 cycles or 3 years minimum guaranteed