

## AX'Lin Thermo UHF

Former reference : Thermo Lin Tag

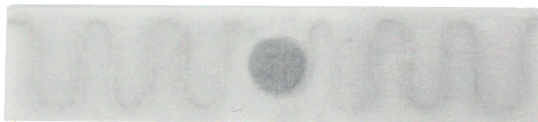
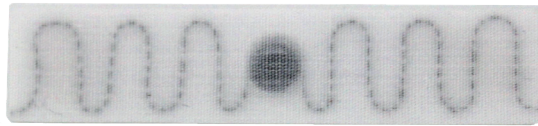
The AX'Lin Thermo UHF laundry tag is designed for laundry applications for blind volume identification of clothes and linen. For the traceability to be efficient, the thermo lin tag is fixed with heat sealing glue which will mark the tag for good to the textile. Beyond automatic textile reading, it is durable and can withstand than 200 washes.

### Key features

- Efficient heat sealing assembly method
- 200 wash cycles
- Can stick under 60 bar pressure

### Applications

Industrial washing, management of uniforms, of medical apparel, military clothing, personnel patrol...



200 cycles



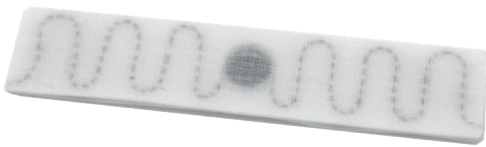
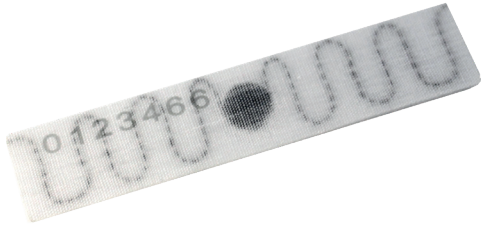
60 bar



Heat sealing



## Options

Personnalization	Without marking	With marking
Reference	AX'Lin Thermo UHF	AX'Lin Thermo UHF with marking
Picture		

## Functional specifications

Type	UHF
Frequency	902-928MHz , 865~868MHz
Air interface protocol	EPC Class1 Gen2; ISO18000-6C
IC Type	Ucode 8
Memory	EPC: 128 bits
Data retention	20 years
Functionalities	Read/write
Read range	Up to 10 meters (ERP=2W)

V3.1

Non-contractual datasheet

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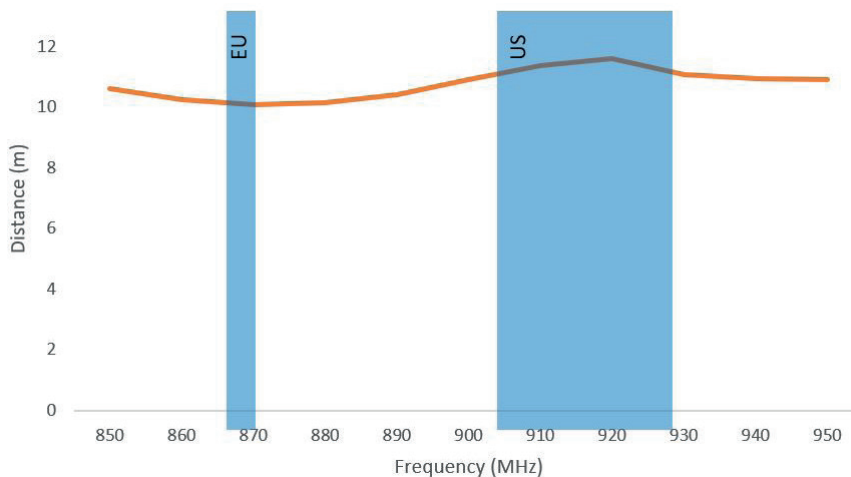
## Physical specifications

Dimensions	70( L) x 15( W) x 1(H) mm
Material	Textile
Color	White
Installation Method	10s @ 206°C heat sealing and 4 bars pressure or thread installation

## Environmental and industry compliance

Certificates	RoHS, REACH
Storage Temperature	-40°C~ +85°C
Operating Temperature	1) Washing: 90°C(194oF), 15 minutes, 200 cycles 2) Pre-drying in Tumbler: 180°C(320oF), 30minutes 3) Ironer: 180°C(356oF), 10 seconds, 200 cycles 4) Sterilization Process: 135°C(275oF), 20 minutes
Mechanical Resistance	Up to 60 bars
Chemicals	Normal common chemicals in the washing processes

## Measured reading range



## Related products

Options	Resistance to Gamma rays	Sew fixing
Reference	AX'Lin Gamma UHF	AX'Lin Classic UHF
Picture	