



AX'Lin Standard

This low profile UHF tag is designed and manufactured in France. It enables to blindly identify clothing and linen volumes. The polycotton and flexible tag has to be sewed to flat linen, workwear...

Options

- Resistance to sterilization processes (autoclave)
- Encoding option
- Other customizations on request

Key features



Made in France

Applications

Management of industrial washing of PPE, workwear, personal clothing, flat linen, carpets, etc.



200 cycles



60 bars



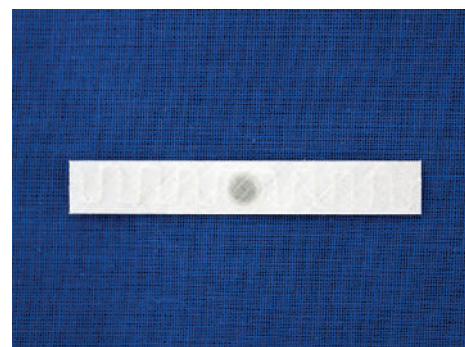
Sewing

Physical specifications

Dimensions	Max 70 x 10mm (68 +/- 2 x 9+/-1)
Thickness	<2mm
Material	Polycotton
Color	White
Installation method	Sewing

Functional specifications

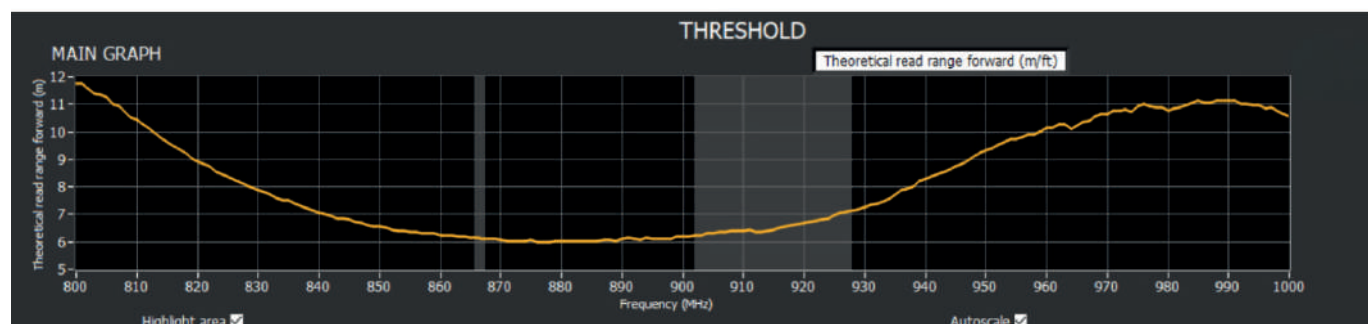
Type	UHF
Frequency	Global: 860 to 960MHz
Air interface protocol	EPC Class1 Gen2; ISO18000-6C
IC Type	Ucode 8
Memory	EPC: up to 128 bits
Data retention	20 years
Functionalities	Read/write
Read range	Up to 6 meters (ERP=2W)
Option	Encoding



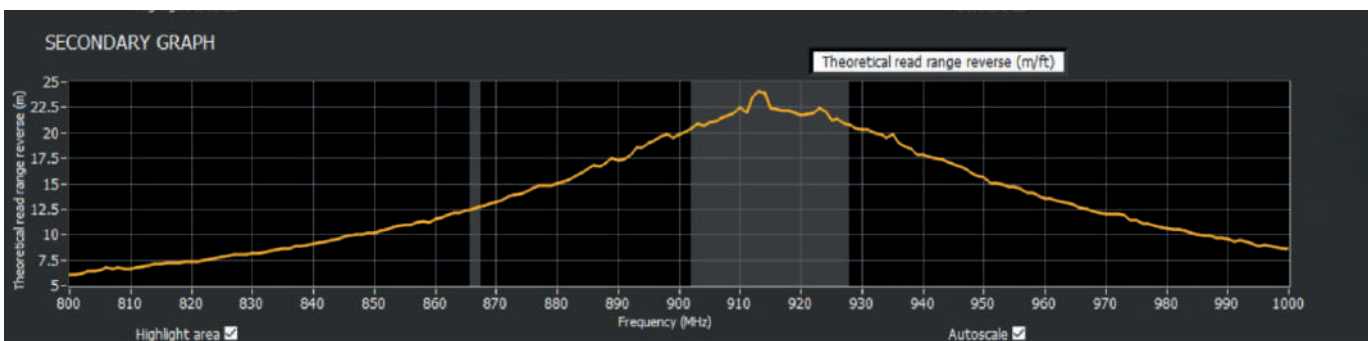
Environmental and industry compliance

Certificates	REACH and ROHS OEKO-TEX Standard 100 level 1 CMRT
Test	European EPC Competence Center (EECC)
Compatibility	MR Conditional (1,5T and 3T)
Laundry cycle constraints	Maximum temperature: 204°C (392°F), 12 sec Water extractor: 60 bars Washing: 90°C (194°F), 15 minutes, 200 cycles or 50 cycles autoclave sterilization Drying in tumbler: 180°C (320°F), 30minutes Tunnel finisher: 185°C (365°F), 20 min Sterilization process: 135°C (275°F), 20 minutes
Relative humidity	10% to 95%
Chemicals	Normal common chemicals in the washing processes

Forward read range - free air



Reverse read range - free air



V5.2

Non-contractual datasheet

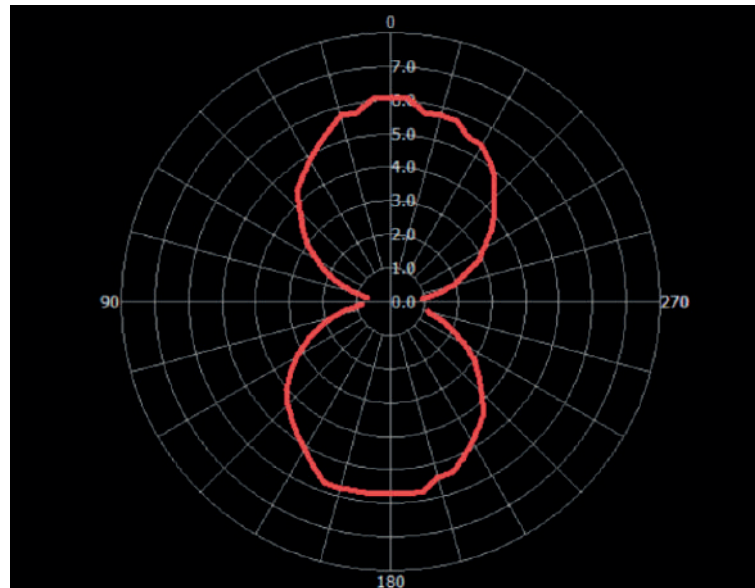
AXEM Technology

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Forward radiation pattern (866MHz) - free air



Item code

AXLINUHF2173

AX'Lin Standard UHF Laundry, EPC Class1 Gen2, ISO18000-6C, sewed, 70x10mm, UCODE 8, Global