

MR Conditional

Made in
France

Applications

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

AX'Lin Small Sewing

This 35 x 15mm tag is designed and manufactured in France. It enables to blindly identify clothing and linen volumes.

The polycotton and flexible tag can be sewed to flat linen, workwear...

Options:

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

Key features



MRI certified



200 cycles



60 bars



Sewing

Physical specifications

Dimensions	35 (L) x 15 (W) x <2 (H) mm
Material	Polycotton, polyester on request
Color	White
Installation method	Sewing

Functional specifications

Type	RAIN RFID (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 2,5 meters (ERP=2W)
Option	Encoding



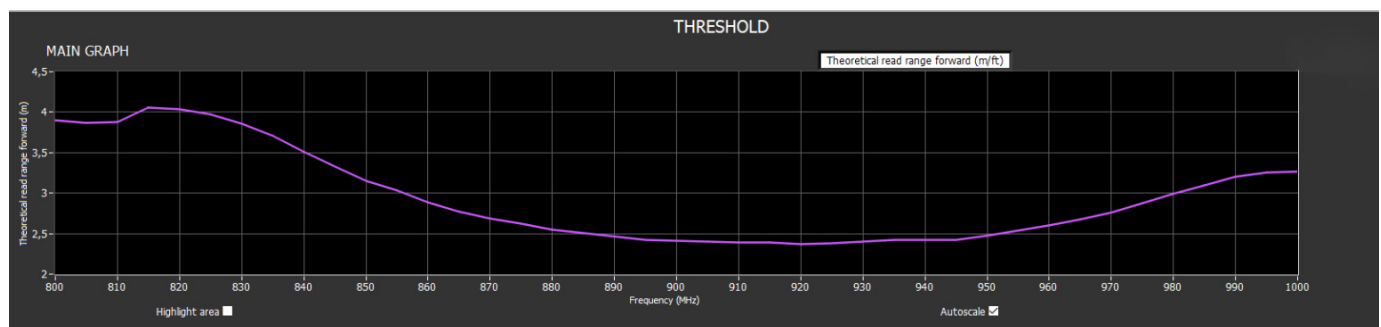
V3.4

Non-contractual datasheet

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



Item code

AXLINUHF1997	AX'Lin Small UHF Laundry, EPC Class1 Gen2, ISO18000-6C, sewing, 35x15mm, UCODE 8, Global
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