



AX'Lin Standard

This low profile RAIN RFID (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...



MR Conditional

Made in
France

Applications

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

Options

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

Key features



MRI certified



200 cycles



60 bars



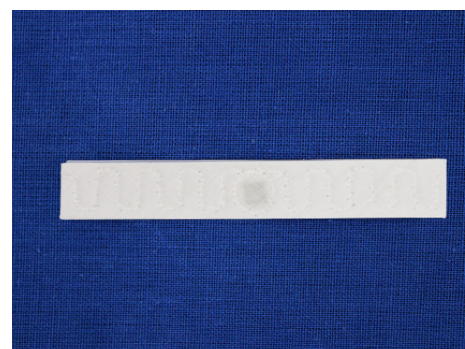
Sewing

Physical specifications

Dimensions	Max 70 x 10mm
Thickness	<2mm
Material	Polycotton
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	ETSI: 10m / US: 9m
Option	Encoding



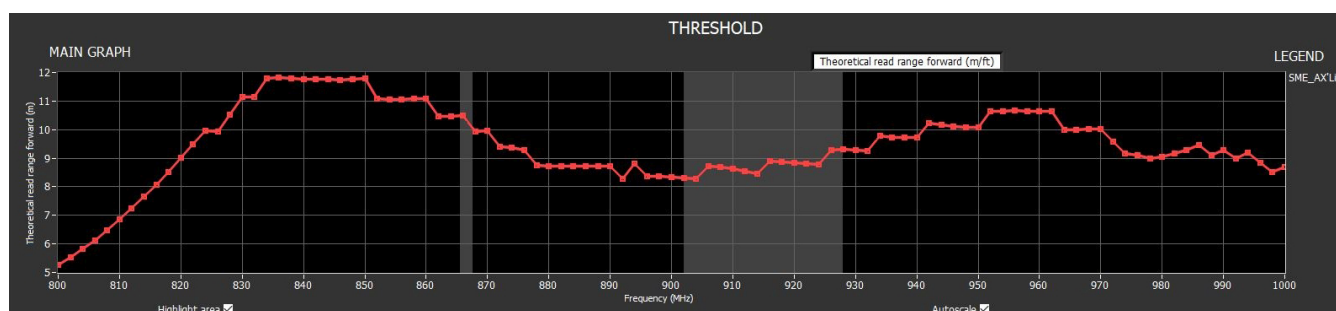
V5.4

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 seconds 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



Reference

AXLINUHF2173-B	AX'Lin Standard UHF Laundry, sewing, 70x10mm, UCODE 8, 10m, Global
----------------	--

V5.4

Non-contractual datasheet