

AX'Lin Large High Memory Heat-sealing

This laundry tag is designed and manufactured in France. It enables to blindly identify clothing and linen volumes. The polycotton and flexible tag has to be heat-sealed to flat linen, workwear...

Options

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

Key features



MRI certified



200 cycles



60 bars



Heat-sealing



MR Conditional



Made in France

Applications

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

Physical specifications

Dimensions	70 x 15mm (68 +/- 2 x 14+/-1)
Thickness	<2mm
Material	Polycotton
Color	White
Installation method	Heat-sealing. 12s @ 204°C (399°F) heat sealing and >0,5kg/cm ² pressure or thread installation

Functional specifications

Type	UHF
Frequency	Global: 840 to 960MHz
Air interface protocol	EPC: 448 bit / TID: 96-bit / User Memory: 2-kbit bits / Access password: 32 bit / Kill password: 32 bit / Digital signature: 384 bits
IC Type	NXP 7XM2K
Memory	EPC: up to 128 bits
Data retention	20 years minimum
Functionalities	Read/write
Read range	Up to 5 meters (ERP=2W)

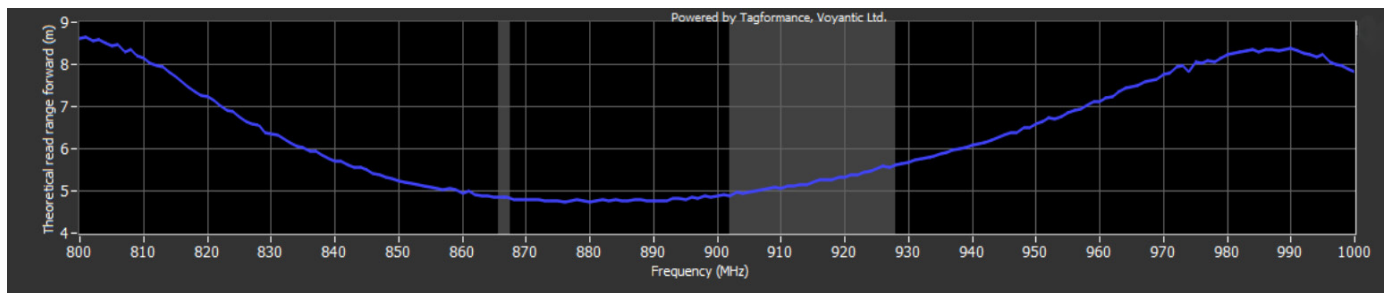
V2.2

Non-contractual datasheet

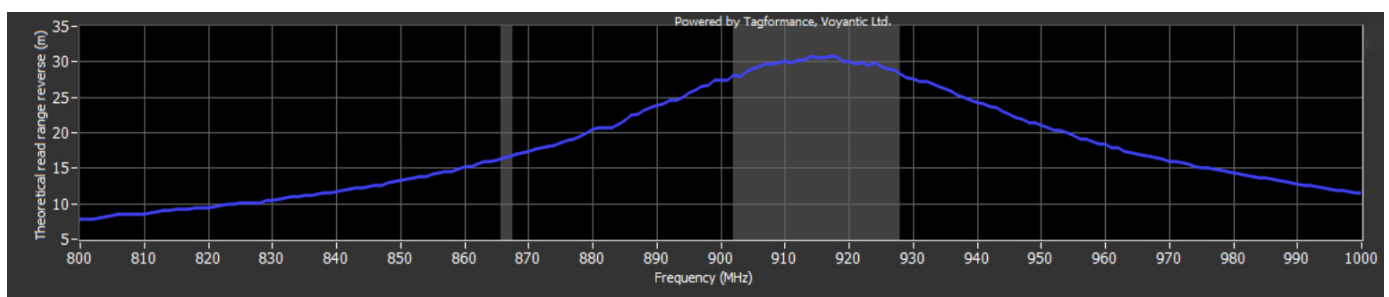
Environmental and industry compliance

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



Reverse read range - free air



Item code

AXLINEPUHF2149	AX'Lin Large High memory UHF Laundry, heat-sealing glue, 70x15mm, 7XM 2K, 5m, Global
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