



Manufacturer of RFID tags

# DATASHEET

## 7mm Laundry Tag

Tag Code: H090209

Laundry tags are robust and durable tags developed especially for laundry & linen management. These tags are designed to withstand conditions of pressure, heat, and chemical resistance as per requirements of the applications. These tags facilitate contactless tracking and inventory management of garments in textile rental & industrial Laundry verticals.



### Electrical Specification

Air Interface Protocol	ISO/IEC 15693
Operational Frequency	13.56 MHz
Chip**	NXP I-Code SLIX-L 512 bits, organized in 16 blocks of 4 bytes each, 4 blocks are summed up to 1 page
Data retention	50 years
Write endurance	100,000 cycles

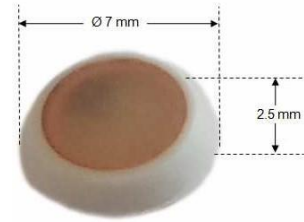
### Physical / Mechanical Specification

Product Name	Laundry Tag
Diameter	7 mm
Thickness	2.5 ± 0.3 mm
Weight	0.15 gm
Encasement	PPS
Quality Assurance	100% reader tested
Color	White

## Environmental Resistance

Operating temperature	-40°C to +120°C , 160°C for short duration
Storage temperature	-40°C to +80°C
Ingress protection rating	IP68
Applicable surface	Fabric
Expected Lifetime	Years in normal operating conditions

## Dimensions



## Chemical Resistance

Resistant to continuous exposure to salt water for 2 hours

Resistant to continuous exposure to motor oil for 2 hours

Additionally, abrasion resistant against HCL and IPA

## Additional Services

Pre-encoding	On request
Customization***	Logo / text printing on request

\* Actual Read range may vary depending upon the reader and environmental factor

\*\* Other on request

\*\*\* Available as an option at extra cost

## Order Information

Part No.	Description
H090209	With NXP I-Code SLIX-L
H090107	With NXP I-Code SLI

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