HF 16 mm Button Laundry Tag

Product Code: H092209

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 required by the applications. These tags facilitate contactless tracking and inventory management of garments in textile rental & industrial laundry verticals.

Tag Dimensions

Ø 16 ± 0.2 mm

3.2 mm

Electrical Specifications

Air Interface Protocol	ISO/IEC 15693
Operational Frequency	13.56 MHz
Chip**	NXP I-Code SLIX-L
	512 bits, organised in 16 blocks of 4 bytes each, 4 blocks are summed up to 1 page
Data retention	50 years
Write endurance	100,000 cycles
Read Range*	Up to 200 mm on 4W HF Long Range Reader; Medium-sized antenna
Operating temperature	-40°C to +85°C
Storage temperature	-40°C to +125°C
Ingress protection rating	IP68
Applicable surface	Fabric
Expected Lifetime	Up to 5 Years in normal operating conditions

Physical and Mechanical Specification

Product Name	Laundry tag without hole
Product Code	H092209
Diameter	Ø16 ± 0.2 mm
Thickness	3.4 mm (max)
Hole Diameter	N/A
Weight	1 gm
Encasement	PPS
Quality Assurance	100% reader tested
Colour**	White

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

Order Information

H092209	With NXP I-Code SLIX-L
H092158	With MIFARE Ultralight
H092231	With SIC 5600

*	Actual read range may vary depending upon the reader
**	Other on request
***	Available as an option at extra cost