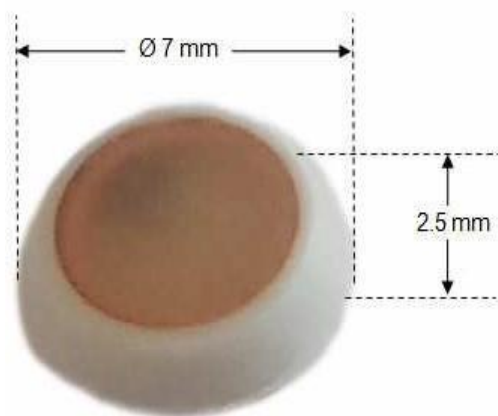# HF 7mm Laundry Tag

Product 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.

Tag Dimensions

Ø 7 mm

2.5 mm

Electrical Specifications

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
Read Range*	Up to 10 mm on GIS TS – HR 38 Reader
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	Up to 5 Years in normal operating conditions

Physical and Mechanical Specification

Product Name	7 mm laundry tag
Diameter	Ø7±0.2 mm
Thickness	2.50 ±0.1 mm
Weight	0.14 g
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

H090209	With NXP I-Code SLIX-L
H090107	With NXP I-Code SLI
H090231	With SIC 5600

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