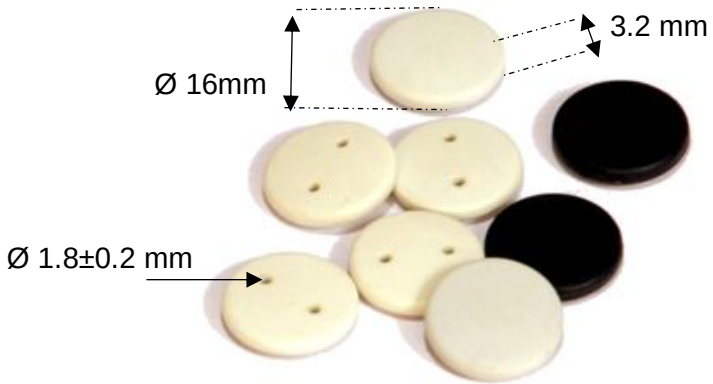
Manufacturer of RFID tags

HF 16 mm Laundry Tag

Product Code: HXX2209

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



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 200 mm on 4W HF Long Range Reader; Medium size 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 with hole	Laundry tag without hole
Product Code	H102209	H092209
Diameter	Ø16.2 ± 0.1 mm	Ø16 ± 0.2 mm
Thickness	3.4 mm max	3.4 mm max
Hole Diameter	1.80 ± 0.2 mm	N/A
Weight	1 gm	1 gm
Encasement	PPS	
Quality Assurance	100% reader tested	
Color**	White/Black	

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 (Without Hole)
H092107	With NXP I-Code SLI (Without Hole)
H092231	With SIC 5600 (Without Hole)
H102209	With NXP I-Code SLIX-L (With Hole)
H102107	With NXP I-Code SLI (With Hole)
H102231	With SIC 5600 (With Hole)

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

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