

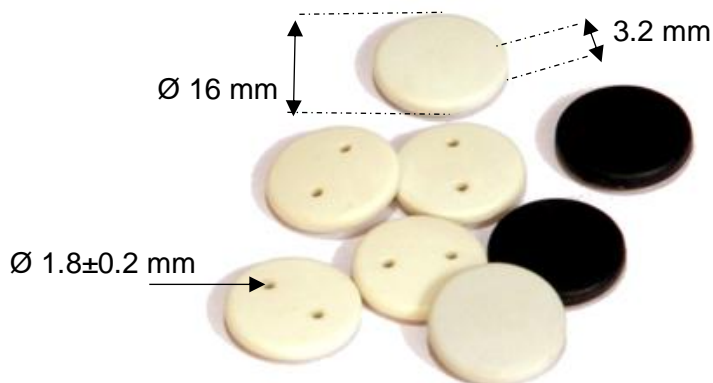
## LF 16 mm Laundry Tag

**Product Code: LXX2131**

Laundry Tag is the rugged tag designed for laundry and linen management. This RFID tag is designed to meet all requirements in terms of pressure, heat and chemical resistance in the applications of contactless tracking of garments in textile rental and dry cleaning.



### Tag Dimensions



## Electrical Specifications

Air Interface Protocol	ISO/IEC 11784/85
Operational Frequency**	125KHz (134.2KHz on request)
Chip**	EM4305
	512-bit EEPROM organized in 16 words of 32 bit
	<ul style="list-style-type: none"><li>❖ 32-bit unique identifier (UID)</li><li>❖ 32-bit Password read and write protection</li><li>❖ Lock feature converts EEPROM words into Read Only</li></ul> Two data encodings: Manchester and Bi-phase
Read Range*	Up to 35 mm on GiS TS-RW 380 Plus Reader
Operating temperature	-40°C to +80°C
Storage temperature	-40°C to +120°C
Ingress protection rating	IP68
Attachment***	Riveting Screw
Applicable surface	Fabric, Plastic, Wooden
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	L102131	L092131
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

L092131	With EM 4305 (without Hole)
L092171	With EM 4200 (without Hole)
L092055	With NXP HitagS 256 (without Hole)
L102131	With EM 4305 (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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