

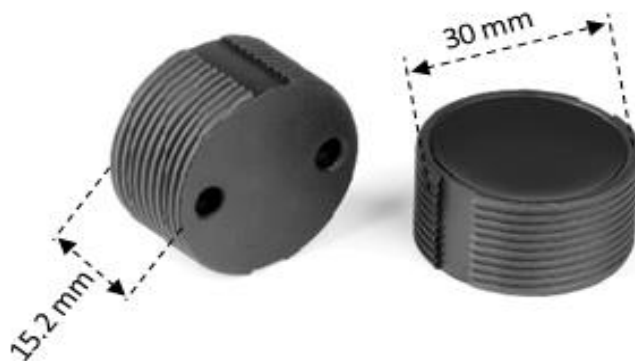
## LF Waste Bin Tag

Product Code: L171131

Waste Bin Tag is developed with a rugged plastic housing to protect it from shock, dirt, and other environment conditions. This makes it ideal for waste management solutions. It is available with different Chips and memory sizes.



### Tag Dimensions



## Electrical Specifications

Air Interface Protocol	ISO/IEC 11784/85
Operational Frequency**	134.2kHz (125kHz on request)
Chip**	EM4305 (FDX)
	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><li>❖ Two data encodings: Manchester and Bi phase</li><li>❖ Multi-purpose data rate: 8, 16, 32, 40 and 64 RF clocks</li></ul>
Read Range*	Up to 75 mm on GIS Reader
Operating temperature	-40°C to +80°C
Storage temperature	-40°C to +85°C
IP Rating	IP67
Attachment	Self Threaded
Applicable surface	Plastic, Wooden

## Physical and Mechanical Specification

Diameter	Ø 30 ± 0.2 mm
Height	15.2 ± 0.2 mm
Weight	13.3 gm
Encasement	Nylon (PA6)
Colour**	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	BDE programming as per Customer Requirement. a) FDX with EM4305 Chip b) HDX with SIC 279 Chip
Customization***	Logo / text printing on request

## Order Information

L171171	With EM4200
L17124A	With SIC 279 HDX
L171055	With NXP HitagS 256

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

---

### Omnia Technologies Pvt. Ltd.

Corporate Office  
Plot No. 145, Udyog Vihar Phase 1, Gurugram, Haryana-122016, INDIA

Manufacturing Unit  
Plot No. 68, Sector-5, IMT Manesar, Gurugram, Haryana-122050, INDIA | +91(124)4366174, 4366411,+91(124)4366410 (Fax)

---