

LF Waste Bin Tag

Product Code: L171171

The Waste Bin Tag is developed with a rugged plastic housing to protect it from chain, 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, Read Only Mode
Operational Frequency**	125 KHz (134.2 KHz on request)
Chip**	EM4200
	128-bit laser programmed ROM (64 & 96-bit option available)
	Several options of data rate and data encoding <ul style="list-style-type: none">❖ Manchester 32 & 64 RF clocks per bit❖ Bi phase 32 & 64 RF clocks per bit❖ PSK 16 RF clocks per bit❖ FSK2 50RF clocks per bit
Read Range*	Up to 50mm on GiS TS-RW380 Plus Reader
Operating temperature	-40°C to +85°C
Storage temperature	-40°C to +85°C
IP Rating	IP68
Attachment	Self -Thread
Applicable surface	Plastic, Wooden
Expected Lifetime	Up to 5 Years in normal operating conditions

Physical and Mechanical Specification

Diameter	Ø 30 ± 0.2 mm
Height	15.2 ± 0.2 mm
Weight	15gm
Encasement	Nylon (PA6)
Color	Black
Quality Assurance	100% reader tested

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

L171171	With EM4200
L171131	With EM 4305
L17124A	With SIC 7999 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.

Plot No. 68, Sector-5, IMT Manesar, Gurugram, Haryana-122050, INDIA

Email: sales@omniatags.com