



CMRFID
Technology CO., Ltd

CMRFID (California)

✉ allen@cmrfid.com
☎ +1 213 393 0528

CMRFID (Brazil)

✉ Rinaldo@cmrfid.com
☎ +55 11 964337000

CMRFID (Dubai)

✉ Iman@cmrfid.com
☎ +48 574 549 256

CMRFID (Shanghai)

✉ Javier@cmrfid.com
☎ +86 18601658083

RFID WASTE BIN TAG

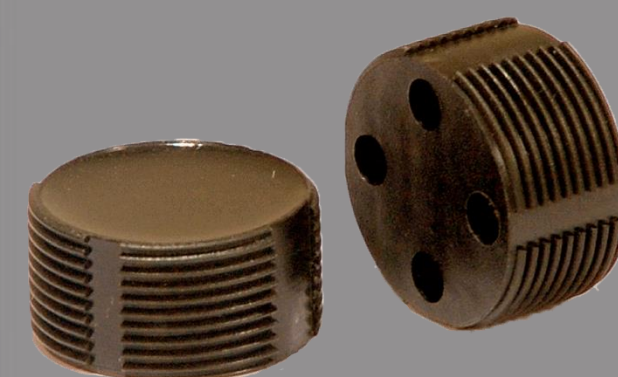
Product Introduction

This tag is designed in rugged plastic housing to protect it from rain, dirt and other environmental conditions and used extensively in waste management solutions.

Electrical Characteristics					
Integrated Circuit (IC)	EM4200/EM4305/Atmel/Hitag S*				
Operating Frequency Range	125 KHz ± 2%				
Mechanical Characteristics					
Diameter	30 mm				
Thickness	15 mm				
Weight	11 gms				
Encasing	PA-6				
Material* Color*	Black				
Quality Assurance	100% read tested				
General Characteristics					
Ingress Protection	IP67 - Complete protection against dust - Protection against temporary immersion in water				
Operating Temperature	-40°C to +85°C / -40°F to +185°F				
Storage Temperature	-40°C to +120°C / -40°F to +248°F				
Attaching Mechanism	Screwing inside the slot in waste bin				
Applicable Surface Materials	Plastic, Wooden				
Expected Lifetime	Years in normal operating conditions				
Technical Characteristics					
Chip	TK4100	5577/4305	S50	I-CODE2	UHF
Standard		ISO11784/785	ISO14443A	ISO15693	1800-6C
Memory		330bits	1kbyte	1024bits	512bits
Working mode		FDX			
Operating frequency	125KHZ		13.56MHZ		915MHZ

* Others on request

** Available as option at extra cost





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Chemical Resistance

No physical or performance changes in:	- 2 hour Salt water exposure - 2 hour Motor oil exposure Additionally, short time exposure resistant against HCL, MEK, IPA.
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Additional Services/Options

Pre encoding	On request
Customization	Logo/text printing on request**