

RFID HARD TAG HT004

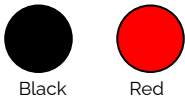
MARKETS:



Waste
management



COLOURS:



Black

Red

The HT004 is an RFID bin tag made of PA6 (nylon), a plastic material that boasts **excellent resistance to tension, compression, wear, and various weather conditions**. The tag is further protected by a PUR (polyurethane) resin coating, providing strong **resistance to water, salt water, and humidity**.

This round bin tag is **specifically designed for application on waste collection containers**. Its standard dimensions, with a **diameter of 30.5 mm**, ensure easy installation and integration into plastic bins. A unique screw-in structure actively prevents tampering and fraudulent removal, ensuring data integrity.

The HT004 can be customised with embossing print. It's available in **LF (Low Frequency) with SIC279 and EM4200 chips, in black and red**.

For **UHF (Ultra High Frequency)** applications, supporting both European and US standards, **it comes with the HIGGS 3 chip, exclusively in black**.

MARKETS

With an IP67 protection rating, the HT004 hard tag is **perfectly suited for waste identification, particularly for door-to-door collection operations**. In areas where pay-as-you-throw (PAYT) schemes are implemented – where waste collection fees are based on the amount of unrecyclable waste produced by users – this bin tag enables accurate data collection, effectively eliminating the potential for human error and ensuring fair billing.



frequency 125 kHz

RFID features

Chip	Memory	ISO Standard
EM4200	0 bytes - UID: 8 bytes	ISO 11784 / 11785
SIC279	16/24 bytes	ISO 11784 / 11785



European frequency (EU) 868 MHz - US frequency 920 MHz

RFID features

Chip	Memory	ISO Standard
HIGGS 3	64 bytes - TID: 8 bytes - EPC: 60 bytes	ISO 18000-6C / EPC Class 1 Gen 2
HIGGS 3 US	64 bytes - TID: 8 bytes - EPC: 60 bytes	ISO 18000-6C / EPC Class 1 Gen 2

Technical specifications

Application	Non-metal surfaces
IP rating	67
Dimensions	ø 30.5 mm, h 14.7 mm
Material	PA6 - potting PUR
Weight	10 g
Application method	Screws
Operating temperature*	EM4200: -40°C ~ +85°C; SIC279: -25°C ~ +70°C; HIGGS 3: -40°C ~ +70°C
Storage temperature*	EM4200: -40°C ~ +90°C; SIC279: -40°C ~ +85°C; HIGGS 3: -40°C ~ +70°C

*Temperatures change according to chip type

Customisation

Colours	LF frequency: black, red; UHF frequency: black
Type of printing	Embossing