



HT004 is an RFID bin tag made of PA6 (nylon), a plastic material **resistant to tensile stress and compression, wear, and weather**. The resin coating is made of PUR or polyurethane, which features good **resistance to water, salt and moisture**. Round in shape, the bin tag is designed for application on waste-collection bins. Its standard size – **30.5 mm in diameter** – makes it easy to install and integrate into metal or plastic

containers. The special screw structure prevents tampering and theft. HT004 can be customised with embossing and is available in **LF – with SIC279 and EM4200 chips** – in black and red, and in **UHF, both European and US, with the HIGGS 3 chip**, in black.

#### MARKETS

With an **IP67** protection rating, the HT004 hard tag is ideal for **waste**

**identification in door-to-door pay-as-you-throw waste-collection operations**. In municipalities where door-to-door pay-as-you-throw waste collection is applied – with payment based on the amount of unsorted waste produced and delivered by users – bin tags allow for precise data collection, eliminating the possibility of human error.



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

<b>Application</b>	Metal / non-metal surfaces
<b>IP rating</b>	67
<b>Dimensions</b>	ø 30.5 mm, h 14.7 mm
<b>Material</b>	PA6 - potting PUR
<b>Weight</b>	10 g
<b>Application method</b>	Screws
<b>Operation temperature*</b>	EM4200: -40°C ~ +85°C; SIC279: -25°C ~ +70°C; HIGGS3: -40°C ~ +70°C
<b>Storage temperature*</b>	EM4200: -40°C ~ +90°C; SIC279: -40°C ~ +85°C; HIGGS3: -40°C ~ +70°C

\*Temperatures change according to chip type

## Customisation

<b>Colours</b>	LF frequency: black, red; UHF frequency: black
<b>Type of printing</b>	Embossing

