RFID UHF GARBAGE LABEL



UHF

Global Tag RFID UHF Garbage Label is an upgraded RFID smart label designed and produced with specific features to withstand outdoor environments and demanding waste management applications.

The PET surface, the protective overlay for printing and laser engraving, together with the strong 3M adhesive, make this tag a reliable solution for smart waste collection and container identification.

Designed for long-term outdoor use, the label ensures durable performance even when exposed to humidity, dirt and environmental stress.

Different customization options are available, including die-cut label size, EPC/memory encoding and printing of logos, barcodes, QR codes and serial numbers.

MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS:

Antenna Size: 70x12mm
PET label size: 75x25mm, other on request
Web Width: 76mm
Mounting System: Extra strong Glue, (typically 3M 467 adhesive)
Material: PET
Antenna Material: Aluminum
Storage Temperature: -40˚C to +65˚C / -40˚F to 149˚F
Operating Temperature: -25˚C to +50˚C / -13˚F to 122˚F
Delivery format: in reel

CHIP SPECIFICATION AVAILABLE:

Operation Frequency	UHF 860-960 MHz
Air interface protocol	UHF EPC Class 1 Gen 2
IC Type Available	NXP U-Code 8
TID Memory	96bit
EPC Memory	128bit
User Memory	-

CUSTOMIZATION OPTIONS:

Printing: 4-color or monochrome logo, Progressive number, Serial number from database, Barcode or QRCode.
Laser engraving: Variable content like QR, barcode or serial numbers can be lasered on the label surface.
Encoding: Writing contents in EPC/User Memory (optionally from customer's database)

ORDER INFORMATION:

PRODUCT CODE WET-INLAY: GT-GRBG7525-U8
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