



## Ro'Tag D30 UHF

Mainly designed for use on non-metal surface, the Ro'Tag D30 UHF also allows for proximity reading in the presence of metal.

With its design, packaging and sealing of ABS, the Ro'Tag LD30UHF is commonly used in industrial environments subjected to high mechanical strengths.

Fixing the tag is easy thanks to its central hole and it has an optional adhesive setting.

### Key features

- 5mm diameter central hole
- Resistance to water, cleaning products, vibrations
- Durable IP68 rating in a lightweight form factor

### Applications

Identification and traceability in several areas such as: manufacturing, transportation, handling, maintenance, equipment, safety ...

## Functional specifications

Type	UHF
Frequency	865-868 MHz (EU) or 902-928 MHz (US)
Air interface protocol	ISO 18000-6C EPC Class1 Gen2
IC type	Alien Higgs-3
Memory	EPC 96 bits (up to 480 bits) User 512 bits TID 64bits
Data retention	Up to 50 years
Write cycles	100 000 times
Functionalities	Read/write

## Physical specifications

Dimensions / Weight	Diameter 30 mm. Height 4 mm. Central hole 5 mm diameter. 2g
Tag material	ABS
Applicable surface	Off metal, near field reading on metal
Color	Black

## Environmental and industry compliance

IP classification	IP68
Temperature scale	-40°C to +85°C

## Item codes

RTD30UHF0956	Ro'Tag D30 EPC C1G2 UHF ALIEN Higgs 3, black ABS, middle hole, EU
RTD30UHF0956US	Ro'Tag D30 EPC C1G2 UHF ALIEN Higgs 3, black ABS, middle hole, US