

ON-METAL HARDY 4010



Global Tag **ON-METAL HARDY** is a UHF RFID tag specifically designed for applications on metal surfaces, combining reliable reading performance with a simple and practical installation.

Suitable for both indoor and outdoor environments, ON-METAL HARDY is an effective solution for the identification and tracking of metal assets, equipment, tools and industrial components.

The tag can be customized according to specific project requirements, with options including custom molded colors, EPC memory encoding, serial number engraving and other features available on request.

Its robust construction, ease of installation and customization possibilities make ON-METAL HARDY a versatile solution for industrial, logistics, maintenance and asset management applications.

MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions: 40x10x2,7mm (where is chip positioned)

Mounting System: Rivet Holes (two holes D3mmx2 or optionally Adhesive (3M 55280)

Weight: 2,2gr.

Material: PCB Material (FR4)

Color: Generally black color – Available optionally any other colors

Class Protection: IP67 (Totally protected against ingress of solid / Protected against short periods of immersion in water.)

Storage Temperature: -40°C to +150°C

Operating Temperature: -40°C to +100°C

Weather Ability: Very Good, including UV resistance and sea water

Delivery format: Singulated

Expected lifetime: Years in normal operating conditions

CHIP SPECIFICATION AVAILABLE:

	UHF 860-960MHz
Device type	Class 1 Gen 2
Air interface protocol	ISO18000-63
IC Type Available	Alien Higgs3, other on-request
Read Range	Up to 4 meters

CUSTOMIZATION OPTIONS:

Printing laser engraving: serial progressive number from database, randomize number from database text and Barcode or QRCode. Other customization on required.

Silk Printing : 2-colors printing logo

Pre-Encoding: Customer specific encoding of EPC or User Memory (also from Database). Locking permanently or with password. Insert into Database TID code.

INSTALLATION MODE:

With 3M Adhesive model: when mounting the tag with adhesive background, clean and dry the surface for obtaining maximum bond strength.

With Screws: Size M4.

With Pop Rivet: Size 4mm. We have available rivet and also optional Manual pistol rivet.

APPLICATION NOTE:

On-Metal Bins management: **ON-METAL HARDY** with small size but high performance can be used to track and manage bins even when they are outdoors or in harsh conditions.

On Metal Waste bin management: **ON-METAL HARDY** can be applied on-metal waste bins; with protected material and red color is visible and very rugged transponder.

Logistics, supply chain and Yard management: : **ON-METAL HARDY** is made to control container, pallets, carts, construction vehicles or again other metallic components.

Maintenance On-Metal assets: **ON-METAL HARDY** is strong tag made to improve maintenance service with easy method to install on -metal surface.

ORDER INFORMATION:

Standard product is made with Alien Higgs3 chip

PRODUCT CODE: GT-HRDY_4010-AH3

For printing options or for produce transponder with different color or with other type of customization... contact us for more information:

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