PRODUCT DATASHEET
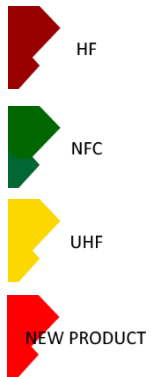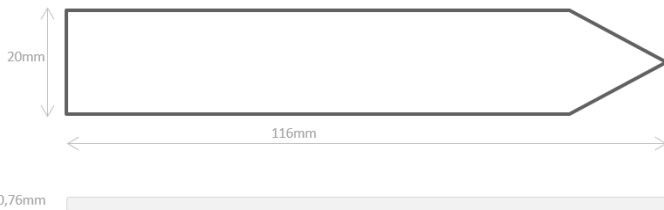# GLOBAL TAG **RFID PLANT TAG**

Global Tag **RFID PLANT TAG** is a laminated RFID/NFC tag especially designed for the tracking of plants and seedlings in nurseries and plantations. Available in UHF, HF and NFC, this tag can be inserted directly into the plant pot.

RFID PLANT TAG is IP68 and it can survive several seasons in outdoor environments. Optionally, it can be provided with an additional anti-UV treatment, to improve the sun exposure.

RFID PLANT TAG is available in 2 different sizes, which can be provided with several customizations as QR Code, barcode, logo or serial number printing.

HF

NFC

UHF

NEW PRODUCT

MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions:
1) **116x20x0,76mm; 4,57x0,79x0,03 inch.**

20mm

116mm

0,76mm

2) **80x40x0,76mm; 3,15x1,57x0,03 inch.**

40mm

80mm

0,76mm

Mounting System: insertion in the soil/pot

Weight: 3gr/4gr

Material: Laminated PVC

Color: White (default color); others on request

Class Protection: IP68 (the device can survive against dust and up to 1.5 meters of water for 30 minutes)

Storage Temperature: -55°C to +60°C / -67°F to +140°F

Operating Temperature: -25°C to +50°C / -13°F to +122°F

Weather Ability: Very Good; on demand the tag can be provided with the anti-UV treatment.

Delivery format: Individual

Expected lifetime: Some years in normal operating conditions

CHIP SPECIFICATION AVAILABLE

	HF 13,56MHz	UHF 860-960MHz
Device type	N.D.	Class 1 Gen 2
Air interface protocol	ISO14443 and ISO15693 and **NFC**	ISO18000-63
IC Type Available	I-Code SLIX, Mifare Ultralight, Mifare Classic 1K, Ntag213, Ntag216, others on-request	Alien Higgs9, NXP U-Code8, NXP U-Code9, others on request.
Inlay size	Depends on the required read range	Depends on the required read range
Read Range	From 2 to 30cm	Up to 7meters

CUSTOMIZATION OPTIONS

Offset printing: W/B or full color logo printing

Laser engraving/digital printing: Variable content, such as barcodes, QR, serial numbers, tag UID/EPC can be printed or lasered on the tag.

Pre-Encoding: Customer specific encoding of EPC or User Memory (also from Database). Locking permanently or with password. Insert into Database TID code. On NTag21x chip (NFC) encoding memory (mailto, URI or other information) from database.

APPLICATION NOTE

Plants maintenance and control
Seedlings inventory

ORDER INFORMATION

PRODUCT CODE:

GT-PLTG11620-xx   (xx defined type of required chip)

GT-PLTG8040-xx   (xx defined type of required chip)

For other information or customized request:

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DISCLAIMER