

# PRODUCT DATASHEET

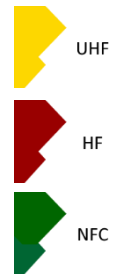
## GLOBAL TAG **TALLY 12025**



Global Tag **TALLY 12025** is a waterproof RFID tag made of PVC material. It can be provided in UHF frequencies or in HF 13,56Mhz (both ISO15693 and ISO14443-NFC).

Easy to be mounted, through 3M glue or through the two holes at the side ends, **TALLY 12025** is suitable for several applications such as logistic management, asset management, bin/plastic containers tracking.

Offset full color logo printing, barcode/QR/serial number laser engraving and memory (EPC or user) encoding are the main available customizations.



### MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

**Dimensions:** 120x25x0,76mm (holes 3mm diameter)

**Weight:** 3,8gr.

**Mounting System:** Rivet/screws; optional 3M glue on the backside

**Material:** Laminated PVC

**Color:** White, other colors as option

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

**Storage Temperature:** -25°C to +60°C (for 2h) / -13°F to +140°F

**Operating Temperature:** -25°C to +55°C / -13°F to +131°F

**Class Protection:** IP68 (Totally protected against ingress of solid / Protected against long period of immersion)

**Delivery format:** Individual

**Expected lifetime:** Years in normal operating conditions

**Chemical resistance:**

No physical or performance changes in (tested up to, more hours can be):

- 200 hours Motor oil immersion

- 200 hours Salt water (salinity 10%) exposure

Values in the table are the best recommendations; resistance against environmental conditions depends on the combinations of all influencing factors, exposure duration and chemical concentrations. Thus, product's final suitability for certain environmental conditions is recommended to be tested. We are available for other information.

### CHIP SPECIFICATION AVAILABLE

	UHF 860-960MHz	HF 13,56MHz
<b>Device type</b>	Class 1 Gen 2	N.D.
<b>Air interface protocol</b>	ISO18000-6C	ISO14443 and ISO15693 and NFC
<b>IC Type Available</b>	NXP U-Code8, NXP U-Code9, Alien Higgs9, Alien Higgs10, Impinj Monza R6-P, others on request	I-Code SLIX, I-Code SLIS, Mifare Ultralight, Mifare Classic 1K, Mifare Classic 4K, N-tag213, others on-request
<b>Antenna Size</b>	98x12mm	Different sizes available
<b>Read Range</b>	Up to 8meters	Up to 30cm



## CUSTOMIZATION OPTIONS

**Offset printing:** Full color logo offset printing

**Laser engraving:** Variable content (S/N, QR, Barcodes, codes from database) can be lasered on the PVC tag surface

**Digital printing:** it's another printing option for variable content, for those who prefer printing to lasering

**EPC/Memory Encoding:** Customer specific encoding of EPC or User Memory (even from Database). Locking permanently or with password. Supply of EPC/UID list.

**Anti-UV treatment:** For outdoor application, the tag can be provided with anti-UV treatments, to extend the life of the device.

## APPLICATION NOTE

Waste bin Management

Logistic management

Goods tracking

Asset Management

## ORDER INFORMATION

Standard product is made with NXP U-Code8 chip

**PRODUCT CODE:** GT-TLLY12025-XX (xx defines the selected IC chip).

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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Application recommendations are guidelines only - actual results may vary and should be confirmed. This is a general purpose product not designed or intended for any specific application.

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