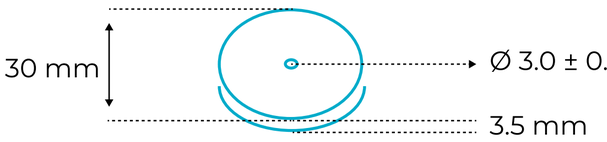
# HF 30 mm Universal Tag

Universal Tag is ideal for asset tracking across various applications in industrial & logistics verticals. It can be made in different sizes with easy customization possibilities. It is available with different chips and memory sizes.

## Tag Dimensions



**PRODUCT CODE:** H127158 / H123098 / H123209

| ELECTRICAL SPECIFICATIONS | | | |
|---|---|---|---|
| Air Interface Protocol | | ISO / IEC 14443 Type A | |
| Operational Frequency | | 13.56 MHz | |
| Chip** | Mifare Ultralight | Mifare 1K | ICODE SLIX-L |
| Data Retention | | 5 years | |
| Write endurance | | 10,000 cycles | |
| Product Code | | H127158 / H123098 / H123209 | |
| Read Range* | | Up to 30 mm | |
| Ingress protection rating | | IP66 | |
| Attachment*** | | Self Adhesive / Rivet | |
| Applicable surface** | | Off metal | |
| Expected Lifetime | | Up to 5 Years in normal operating conditions | |

| PHYSICAL AND MECHANICAL SPECIFICATION | |
|---|---|
| Dimensions | Ø 30 ± 0.3 mm |
| Thickness | 3.5 ± 0.3 mm |
| Hole Diameter | Ø 3.0 ± 0.2 mm |
| Weight | 3 g |
| Encasement | Polypropylene and Polycarbonate |
| Colour** | Any colour can be used |
| Quality Assurance | 100% reader tested |

| CHEMICAL RESISTANCE |
|---|
| Resistant to continuous exposure to salt water for 2 hours |
| Resistant to continuous exposure to motor oil for 2 hours |
| Additionally, abrasion resistant against HCL and IPA |

| ADDITIONAL SERVICES | |
|---|---|
| Pre-encoding | On request |

| CERTIFICATES | MARKINGS |
|---|---|
| IECEx TSA 21.0010X - RFID Tag | Ex ia Ma |
| | Ex ia IIC T6 Ga |
| | Ex ia IIIC T135°C Da |
| | -20°C to 70°C |

* Actual read range may vary depending upon the reader
** Other on request
*** Available as an option at extra cost