# TECTUS

# Transponder ON METAL
## Square TAG

**PART ID:**
## 2056-01-324-00

PID 2056 features its slim shape appearance suited for narrow structure attachment. With multiple methods of fixation and durable housing, it serves well on metal surface with proven performance and has great resistibility to outdoor environmental impact. Equipped with NXP UCode 8, PID 2056 boosts a superior reading distance, making it ideal for logistics and industrial asset management purposes.

## Main Specifications

| | |
|---|---|
| Material | Nylon Polymer |
| Operating Temperature | -40°C to 85°C |
| IP Class | IP68 |
| Compliance | RoHs & Reach, CE, Rain RFID |
| Key Features | ON-Metal Use, Rough Environment, Asset Tracking, High Durability |
| Options | Laser Engraving |

## Chip Specification (Chip 324)

| | |
|---|---|
| Chip | NXP - UCODE 8 |
| Frequency | 860~960MHz ( UHF ) |
| Memory | TID 96 Bit; EPC 128 Bit |
| Norm | ISO 18000-6C / EPC Gen2 V2 |

## Full Specifications

| | |
|---|---|
| Product ID | 2056 |
| On Metal Use | yes |
| Material | Nylon Polymer |
| Shape | Overmolded |
| Long Description | PID 2056 features its slim shape appearance suited for narrow structure attachment. With multiple methods of fixation and durable housing, it serves well on metal surface with proven performance and has great resistibility to outdoor environmental impact. Equipped with NXP UCode 8, PID 2056 boosts a superior reading distance, making it ideal for logistics and industrial asset management purposes. |
| Key Features | ON-Metal Use, Rough Environment, Asset Tracking, High Durability |
| Options | Laser Engraving |
| Main Use | Logistics |
| Article Type | Square TAG |

| Color | Black |
|---|---|
| Length [mm] | 78 |
| Width [mm] | 21 |
| Thickness [mm] | 11 |
| Hole | yes |
| Operating Temp °C (min) | -40 |
| Operating Temp °C (max) | 85 |
| Storage Temp °C (min) | -40 |
| Storage Temp °C (max) | 120 |
| IP Class | IP68 |
| Chemical Resistance | Not Specified |
| Flame Resistance | Not Specified |
| Mechanical Resistance | Not Specified |
| Attachment Method | Screw/Rivet |
| Compliance | RoHs & Reach, CE, Rain RFID |

## VARIANTS AND ICS

| ID | Variant | Band | Type | ISO |
|---|---|---|---|---|
| 2056-01-324-00 | Black | UHF | UCODE 8 | ISO 18000-6C / EPC Gen2 V2 |