

Transponder ON METAL

Flexible TAG

PART ID:
2021-01-349-00

Pliable RFID Tags mount anywhere and endure rugged conditions.

Main Specifications

| | |
|-----------------------|--|
| Material | TPU |
| Operating Temperature | -40°C to 70°C |
| IP Class | IP68 |
| Compliance | RoHs & Reach, CE |
| Key Features | Rough Environment, Heat Tolerant, ON-Metal Use |
| Options | Laser Engraving, Barcode, UID Printing |



Chip Specification (Chip 349)

| | |
|-----------|--------------------------------------|
| Chip | Alien - Higgs 3 |
| Frequency | 869 MHz (UHF) |
| Memory | TID 64 Bit; EPC 96 Bit; User 512 Bit |
| Norm | ISO 18000-6C / EPC Gen2 V2 |

Full Specifications

| | |
|-------------------|--|
| Product ID | 2021 |
| On Metal Use | yes |
| Material | TPU |
| Shape | Overmolded |
| Short Description | Pliable RFID Tags mount anywhere and endure rugged conditions. |
| Long Description | Flexible RFID tags are among the most advanced general purpose flexible tags available. The unique thermoplastic elastomer (TPU) housings – made from the same materials used worldwide to manufacture automobile pipes and hoses – tolerate repeated bending or torsion, while maintaining excellent performance characteristics. The durable housing safeguards embedded electronics, even under harsh conditions. This version is meant to be affixed with a separate cable tie vertically to the object, for example, to a pipe. |
| Key Features | Rough Environment, Heat Tolerant, ON-Metal Use |
| Options | Laser Engraving, Barcode, UID Printing |
| Comments | Broadband Version 860-960MHz |
| Main Use | Asset Tracking |

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| | |
|-------------------------|------------------|
| Article Type | Flexible TAG |
| Color | Yellow |
| Length [mm] | 83 |
| Width [mm] | 25 |
| Thickness [mm] | 3 |
| Weight [g] | 6 |
| Hole | yes |
| Operating Temp °C (min) | -40 |
| Operating Temp °C (max) | 70 |
| Storage Temp °C (min) | -40 |
| Storage Temp °C (max) | 70 |
| IP Class | IP68 |
| Chemical Resistance | Not Specified |
| Flame Resistance | Not Specified |
| Mechanical Resistance | IK 06 |
| Attachment Method | Cable tie |
| Compliance | RoHs & Reach, CE |

VARIANTS AND ICS

| ID | Variant | Band | Type | ISO |
|----------------|-----------|------|------------|----------------------------|
| 2021-01-260-00 | 83x25x3mm | HF | ICODE SLIX | ISO/IEC 15693 & 18000-3 |
| 2021-01-366-00 | 83x25x3mm | UHF | M730 | ISO 18000-6C / EPC Gen2 V2 |