

# 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
2021-01-349-00	83x25x3mm	UHF	Higgs 3	ISO 18000-6C / EPC Gen2 V2