

# Transponder

## Flexible TAG

### PART ID:

**1001-01-349-00**

Flexible Tag, made of thermoplastic elastomer (TPV) and built by overmolded process, is ideal to fit a not flat surface for a long read range (8~10m) application. Attached with a cable tie, it can carry out stable performance on a metallic item as well.

### Main Specifications

Material	TPV
Operating Temperature	-40°C to 70°C
IP Class	IP68
Compliance	RoHs & Reach, CE
Key Features	Rough Environment, Flexible
Options	Laser Engraving, Logo



### 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	1001
Material	TPV
Shape	Overmolded
Long Description	Flexible Tag, made of thermoplastic elastomer (TPV) and built by overmolded process, is ideal to fit a not flat surface for a long read range (8~10m) application. Attached with a cable tie, it can carry out stable performance on a metallic item as well.
Key Features	Rough Environment, Flexible
Options	Laser Engraving, Logo
Article Type	Flexible TAG
Color	Yellow
Length [mm]	25.5
Width [mm]	83
Thickness [mm]	3

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Where application information is given, it is only advisory and does not form part of the specification.

Weight [g]	5.3
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	Not Specified
Attachment Method	Cable tie
Compliance	RoHs & Reach, CE

## VARIANTS AND ICS

ID	Variant	Band	Type	ISO
1001-01-349-00	25.5x83x3mm	UHF	Higgs 3	ISO 18000-6C / EPC Gen2 V2