

# Transponder

## Flexible TAG

**PART ID:**  
**1001**

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

Frequencies	<b>LF HF UHF</b>
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



### 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
Weight [g]	5.3
Operating Temp °C (min)	-40
Operating Temp °C (max)	70
Storage Temp °C (min)	-40
Storage Temp °C (max)	70

© 2025 TECTUS Technology GmbH. All rights reserved.

The content, design, and technical data of this specification are the intellectual property of TECTUS. TECTUS reserves the right to change any information or data in this document without prior notice. TECTUS declines all responsibility for the use of products with any other specifications, but the ones mentioned above. Any additional requirement for a specific customer application must be validated by the customer himself at his own responsibility. Where application information is given, it is only advisory and does not form part of the specification.

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
1001-01-362-00	25.5x83x3mm	UHF	Monza 4QT	ISO 18000-6C / EPC Gen2 V2