

# Transponder

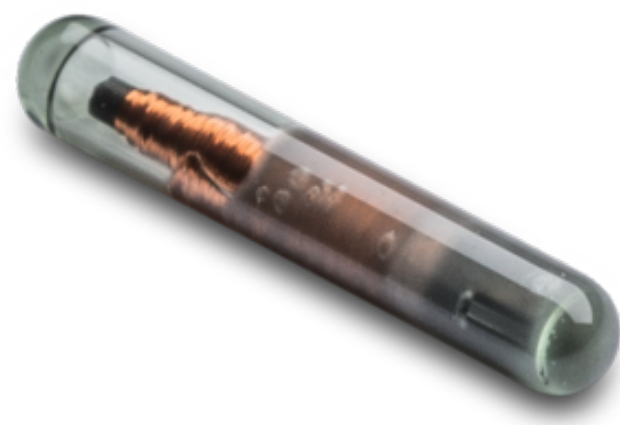
Glass TAG

PART ID:  
**1047**

Embeddable RFID Glass Tags with high chemical resistance and exceptional performance

Main Specifications

Frequencies	<b>LF</b> HF UHF
Material	Glass
Operating Temperature	-25°C to 85°C
IP Class	IP68
Compliance	RoHs & Reach, CE
Key Features	Small Size, Ultra Thin, Heat Tolerant, Versatile, High Durability



Full Specifications

Product ID	1047
Material	Glass
Shape	Potted
Short Description	Embeddable RFID Glass Tags with high chemical resistance and exceptional performance
Long Description	Glass Tag transponders can be easily inserted or molded into a variety of materials, to enable automated asset identification and management applications using RFID. The inherent properties of glass protect embedded electronics from exposure to harsh chemicals, ensure that tag readability is unaffected by immersion in liquids, and provide excellent stability over fluctuating temperatures.
Key Features	Small Size, Ultra Thin, Heat Tolerant, Versatile, High Durability
Main Use	Animal ID
Article Type	Glass TAG
Color	Transparent
Diameter [mm]	1.25
Length [mm]	8.3
Operating Temp °C (min)	-25
Operating Temp °C (max)	85
Storage Temp °C (min)	-40
Storage Temp °C (max)	90

®TECTUS reserves the right to change any information or data in this document without prior notice. The distribution and the update of this document is not controlled. 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 has to 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.

Peak Temp I / °C	120
Peak TIME I [h]	100
Peak Temp II / °C	140
Peak TIME II [h]	10
High Temp	yes
Food compatible	yes
IP Class	IP68
Chemical Resistance	Not Specified
Flame Resistance	Not Specified
Mechanical Resistance	Not Specified
Attachment Method	Embed
Compliance	RoHs & Reach, CE

VARIANTS AND ICS

ID	Variant	Band	Type	ISO
1047-01-153-00	1.25x8.3mm, unprogrammed	LF	EM4305	ISO/IEC 11784/85 Compatible

®TECTUS reserves the right to change any information or data in this document without prior notice. The distribution and the update of this document is not controlled. 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 has to 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.