

Transponder ON METAL

Label

PART ID:
2047-01-324-00

UHF on-metal labels are printable, small, thin self-adhesive tags that allow discreet or overt placement on metallic objects.

Main Specifications

Material	PET
Operating Temperature	-20°C to 70°C
IP Class	IP68
Compliance	RoHs & Reach, CE
Key Features	Ultra Thin, ON-Metal Use, Versatile, Cost-Effective
Options	Preprinted Artwork, Encoding



Chip Specification (Chip 324)

Chip	NXP - UCODE 8
Frequency	860~960MHz (UHF)
Memory	TID 96 Bit; EPC 128 Bit
Norm	ISO 18000-6C / EPC Gen2 V2

Full Specifications

Product ID	2047
On Metal Use	yes
Material	PET
Shape	Laminated
Short Description	UHF on-metal labels are printable, small, thin self-adhesive tags that allow discreet or overt placement on metallic objects.
Long Description	On-metal UHF inlays are a quick and easy way to tag metallic, indoor assets. The small, thin self-adhesive tags can be printed and encode in standard UHF label printers and enhance the speed and accuracy of inventory and process management.
Key Features	Ultra Thin, ON-Metal Use, Versatile, Cost-Effective
Options	Preprinted Artwork, Encoding
Main Use	Asset Tracking
Article Type	Label
Length [mm]	100
Width [mm]	43

®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.

Thickness [mm]	1
Weight [g]	1.25
Operating Temp °C (min)	-20
Operating Temp °C (max)	70
Storage Temp °C (min)	-20
Storage Temp °C (max)	70
IP Class	IP68
Chemical Resistance	Not Specified
Flame Resistance	Not Specified
Mechanical Resistance	IEC 68.2.27/ IEC 68.2.6
Attachment Method	Sticker
Compliance	RoHs & Reach, CE

VARIANTS AND ICS

ID	Variant	Band	Type	ISO
2047-01-324-00	100x43x1mm, adhesive	UHF	UCODE 8	ISO 18000-6C / EPC Gen2 V2

®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.