

# Transponder ON METAL

## Label

**PART ID:**  
**2046**

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

### Main Specifications

Frequencies	<b>LF HF UHF</b>
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



### Full Specifications

Product ID	2046
On Metal Use	yes
Material	PET
Shape	Laminated
Short Description	HF/NFC on-metal labels are printable, small, thin self-adhesive tags that allow discreet or overt placement on metallic objects.
Long Description	On-metal HF/NFC 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 HF label printers and provide full NFC interoperability.
Key Features	Ultra Thin, ON-Metal Use, Versatile, Cost-Effective
Main Use	Asset Tracking
Article Type	Label
Length [mm]	45
Width [mm]	45
Thickness [mm]	0.8
Weight [g]	4.5
Operating Temp °C (min)	-20
Operating Temp °C (max)	70

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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
2046-01-263-00	45x45x0.8mm, adhesive	HF	NTAG213	ISO/IEC 14443A & 18000-3