



LB027 is a **synthetic paper RFID tag available in UHF** with the HIGGS-EC chip.

It measures **100 x 32 mm** and is readable up to 10 m with a fixed reader.

The special feature of the LB027 RFID smart label is its **tamper-proof design**.

In addition, it can be **applied to non-metallic surfaces**, more precisely glass, by means of an adhesive.

LB027 can be **customised by offset or inkjet**, for colour and black and white prints, and by thermography, for black and white prints.

MARKETS

This label is applied to **car windshields, in logistics and vehicle management**.



European frequency (EU) 868 MHz - US frequency 920 MHz

RFID features

Chip	Memory	ISO Standard
HIGGS-EC	16 bytes - TID: 6 bytes - EPC: 16 bytes	EPC Class 1 Gen 2
HIGGS-EC US	16 bytes - TID: 6 bytes - EPC: 16 bytes	EPC Class 1 Gen 2

Technical specifications

Application	Non-metal surfaces
Dimensions	100 x 32 mm
Material	Synthetic paper
Operation temperature	-20°C ~ +80°C
Storage temperature	-20°C ~ +80°C
Application method	Adhesive

Customisation

Colour	White
Type of printing/numbering	Colour and b/w: offset, inkjet; thermographic printing in b/w – other types on request

