



LB020 is an RFID tag made of PET, a flexible thermoplastic material that is resistant to cuts, atmospheric changes and **high temperatures**. **Indeed, this label can tolerate up to 70°C in operation and storage**. Rectangular in shape, **it measures 106.5 mm x 28.5 mm; the antenna has the following dimensions: 95 mm x 12 mm**. LB020 is applied to **non-metal materials** by means of an adhesive

backing. Printing and numbering can be carried out using offset or inkjet technology for colour or black-and-white prints, and thermographic printing for black and white. It is white and available **in UHF** with **UCODE 8** chips, with both European and US frequencies.

#### **MARKETS**

This smart label is suitable for multiple applications: **asset**

**tracking, anti-theft purposes, and asset, inventory and supply-chain management.**



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

## RFID features

| Chip       | Memory                                  | ISO Standard      |
|------------|---|-------------------|
| UCODE 8    | 0 bytes - TID: 12 bytes - EPC: 16 bytes | EPC Class 1 Gen 2 |
| UCODE 8 US | 0 bytes - TID: 12 bytes - EPC: 16 bytes | EPC Class 1 Gen 2 |

## Technical specifications

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| Application                       | Non-metal surfaces                |
| Dimensions                        | 106.5 x 28.5 mm, inlay 95 x 12 mm |
| Material                          | PET                               |
| Operation and storage temperature | -25°C ~ +70°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 |

