

## Product Datasheet

### Adhesive Labels - UHF

The BrightCard RFID Adhesive labels have blank matt paper on the top, which protects the chip and the antenna underneath. The permanent adhesive layer with release paper (on the back-side of the label) allows them to be easily affixed to the items. They can be personalized at the customer site with a UHF printer or can be ordered pre-personalized from BrightCard, for example with a barcode.

They are available with different IC technologies with both the 868 and 915MHz frequencies. They are available in six different sizes. They are delivered single die cut form on a reel.

#### Applications:

- Supply chain
- Warehouse / Logistics
- Document identification
- Book identification



#### Product specifications:

<b>Dimensions with 915MHz:</b>	39 x 19mm 82 x 23mm 95 x 15mm 98 x 33mm 160 x 10mm 54 x 85.6mm
<b>Dimensions with 868MHz:</b>	98 x 33mm 54 x 85.6mm
<b>Thickness:</b>	0.25mm (average)
<b>Top cover layer:</b>	Opaque matt paper (thermo printable) with 80gr./sqm
<b>Adhesive layer:</b>	Permanent adhesive with release paper
<b>Carrier:</b>	Siliconized paper
<b>Application temp.:</b>	- 20°C to 60 °C
<b>Options (on request):</b>	White PET top cover layer Printed barcode Printed serial number

#### Available IC versions in UHF 868 and 915MHz:

IC Type	ISO	Memory	Function	Order No.
NXP UCODE HSL	18000 – 6b	2048 bit	R/W	SL-UCODEHSL-xx
NXP UCODE EPC Gen 2	18000 – 6c	512 bit	R/W	SL-UCODEEPC-xx
Impinj Gen 2	18000 – 6c	-	R/W	SL-IMPINJ-xx

Other IC types are available on request.

Technology By:

