

## MULTI PURPOSE LABELS

# ADHESIVE LABELS



## PRODUCT DESCRIPTION

The iDTRONIC RFID Labels are leading products for industrial, logistic and retail applications. The state of the art transponders are available with paper or synthetic materials which protects the antenna and chip technology underneath.

Thanks to their strong adhesive layer with release paper (on the backside of the label), they can be easily fixed on a wide variety of surfaces. On request we offer an on metal version for metallic surfaces.

Due to a extremely flexible production process, the RFID labels can be offered with different transponder IC's, dimensions, materials and finishing options.

In addition to our extremely flexible production, we do offer a variety of customization options such as printing, encoding and sorting.

### ► APPLICATIONS

- Document Identification
- Warehouse | Logistics
- Book Identification
- Supply Chain

### ► FEATURES

- Round, Square or Rectangle
- Logo Printing
- Barcode Printing
- Serial | UID Number
- Chip-Encoding for HF
- On or Off Metal Version
- 3M adhesive (optional)
- Inkjet Printed Number
- 4C Offset Printing 1 Side per Layout

### ► RFID OPTIONS

- HF (ISO 14443A | ISO 15693)

## TECHNICAL DATA

### PRODUCT SPECIFICATIONS

Thickness	0.5 mm (Average)
Top Cover	White Paper-Coating Optional: White PET-Coating
Adhesive Layer	Permanent Adhering Adhesive Strip with Carrying Paper Thickness: 0.30+/-0.02 Optional: 3M adhesive
Carrier	Siliconized Paper
Packaging	Single-stamping or on a Roll
Surface Options	On metal or Off metal

### AVAILABLE ICs HF: 13.56 MHz

IC TYPES	MEMORY	ISO
NXP MIFARE Ultralight®	512 bit	14443A
NXP MIFARE Ultralight® C	512 bit	
NXP MIFARE Ultralight® Nano	320 bit	
NXP MIFARE® Plus S / X	2048 Byte   4096 Byte	
NXP MIFARE S50	4 Bytes	
NXP NTAG213	144 Bytes	14443A (1-3)
NXP NTAG215	540 Bytes	
NXP NTAG216	888 Bytes	
NXP I-Code SLI	128 Bytes	15693
NXP I-Code SLI-X	112 Bytes	
NXP I-Code SLI-DNA	64 Bytes	
TI HFI - Plus	1024 Bytes	

### AVAILABLE LABEL SIZES AND ANTENNA DESIGNS

Smartlabel <b>ROUND</b>	Smartlabel <b>SQUARE</b>	Smartlabel <b>RECTANGLE</b>
<p>Sizes:</p> <ul style="list-style-type: none"> <li>ø 25 mm</li> <li>ø 27 mm</li> <li>ø 30 mm</li> <li>ø 35 mm</li> <li>ø 40 mm</li> <li>ø 45 mm</li> <li>ø 50 mm</li> </ul>	<p>Sizes:</p> <ul style="list-style-type: none"> <li>18 × 18 mm</li> <li>25 × 25 mm</li> <li>30 × 30 mm</li> <li>35 × 35 mm</li> <li>45 × 45 mm</li> <li>50 × 50 mm</li> </ul>	<p>Sizes:</p> <ul style="list-style-type: none"> <li>30 × 25 mm</li> <li>37 × 19 mm</li> <li>30 × 15 mm</li> <li>38 × 25 mm</li> <li>40 × 25 mm</li> <li>45 × 30 mm</li> <li>50 × 35 mm</li> <li>56 × 18 mm</li> <li>73 × 23 mm</li> <li>80 × 35 mm</li> <li>86 × 54 mm</li> <li>99 × 24 mm</li> <li>100 × 15 mm</li> </ul>
		