

LAUNDRY



# Laundry tags



LUX-IDENT's products

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A range of applications.

Laundry tags are designed for applications that require a rugged RFID tag which can operate in harsh environments. Laundry tags meet all requirements for temperature, pressure and chemical resistance in applications dealing with contactless garment tracking, such as that used by textile rental services or dry cleaners.

#### Features

- Material: depending on diameter
- Diameters: 14 mm, 15.5 mm and 22 mm
- Thickness: depending on diameter
- Operating temperature from  $-25^{\circ}\text{C}$  to  $90^{\circ}\text{C}$

#### Available chip technologies

Manufacturer frequency	Chip type
<b>EM Microelectronic</b>	
LF 125 kHz / 134.2 kHz	EM4102, EM4200
<b>NXP</b>	
LF 125 kHz / 134.2 kHz	Hitag <sup>®</sup> 1, Hitag <sup>®</sup> 2, Hitag <sup>®</sup> S 256bit, Hitag <sup>®</sup> S 2048bit
HF 13.56 MHz	MIFARE Ultralight <sup>®</sup> , MIFARE <sup>®</sup> Classic 1K, MIFARE <sup>®</sup> Classic 4K, MIFARE <sup>®</sup> DESFire <sup>®</sup> 2K EV1, MIFARE <sup>®</sup> DESFire <sup>®</sup> 4K EV1, MIFARE <sup>®</sup> DESFire <sup>®</sup> 8K EV1, MIFARE Plus <sup>®</sup> S 2K, MIFARE Plus <sup>®</sup> S 4K, MIFARE Plus <sup>®</sup> X 2K, MIFARE Plus <sup>®</sup> X 4K I-Code <sup>®</sup> : SLI, SLIX
<b>Infineon</b>	
HF 13.56 MHz	MIFARE <sup>®</sup> SLE66R35
<b>Atmel</b>	
LF 125 kHz / 134.2 kHz	ATA5577
<b>LEGIC<sup>®</sup></b>	
HF 13.56 MHz	Prime MIM256, Prime MIM1024

Other ICs are available upon request.

#### Dimensions



∅ 22 mm



∅ 15.5 mm



∅ 14 mm