

## 13.56 MHz Tamper Proof RFID Smart Labels on Rolls

**SYNO**Tag™  
RFID Systems



### 13.56 MHz Tamper proof RFID Smart Label on Reels

#### Specifications

- Standards: ISO 14443 A & 15693
- Operating frequency: 13.56MHz
- Passive resonance frequency at +25C: 13.56MHz±200kHz
- User programmable memory: 512 bits (14443) or 1K bits (15693)
- Data retention at +55C: >10 years
- Write endurance at +25C: 100,000 cycles
- Simultaneous tags identification: Up to 50 tags (reader dependent)
- Antenna size: 28 x 31 mm
- Label size: 30 x 35 mm
- Foil width: 40 +/-0.2mm
- Foil pitch: 45 +/-0.2mm
- Thickness: Chip: 0.18mm Base: 0.15 mm
- Material: Breakable paper with foil
- Smallest bending radius: 5 mm
- Storage temperature: -40°C to 65°C
- Operating temperatures: -25°C to 70°C
- Delivery: 1375 labels on 76.2 x 180mm reel

#### Available IC's

- I-Code (13.56 MHz, 512 bit, R/W, ISO 15693 & ISO/IEC 15693)
- Mifare Ultralight (13.56 MHz, 512 Bit, R/W, ISO/IEC 14443 A)

Visit us at [www.synometrix.com](http://www.synometrix.com) or email us at [info@synometrix.com](mailto:info@synometrix.com)



Outside North America please contact:

John Hannon

SYNO METRIX | **Asia Pacific**  
Taipei, Taiwan

IDD: +886 2 2758 1279

**BUY DIRECT  
FROM ASIA**

Within North America please contact:

Joseph Tyner

SYNO METRIX | **North America**  
Minneapolis, Minnesota

USA Direct: (952) 232 0727