



Sensormatic® SensorID™ EPC Class 1 Case Label

An EPC-Compliant, 64-Bit Writeable RFID Label

The Sensormatic® SensorID™ EPC Class 1 Case Label is a disposable read/write UHF RFID label that gives users flexibility by allowing them to write new information to the label at all points throughout the supply chain.

Through the SensorID EPC Class 1 Case Label and the rest of the SensorID family of products, consumer goods manufacturers can comply with recent RFID mandates. The SensorID EPC Class 1 Case Label satisfies the immediate label needs of suppliers for RFID compliance.

While overall RFID performance is a function of the combination of a reader, antenna, software and tag, the SensorID EPC Class 1 Case Label was designed to work in conjunction with a wide range of SensorID products, including Sensormatic SensorID Agile 1 and 2 Readers and SensorID OmniWave and OmniPoint Antennas. The SensorID EPC Class 1 Case Label communicates with the SensorID Agile Reader using the EPC Class 1 air protocol. The Class 1 write capability allows customers to control when and what to write on the tags, providing a wide range of read/write flexibility.

The SensorID EPC Class 1 Case Label is a disposable tag that is destroyed with the corrugated container once it reaches its final destination in the supply chain.

Sensormatic® SensorID™ EPC Class 1 Case Label

Performance

Labels optimized with readers, antennas and software will provide customers with a higher level of confidence that an RFID implementation will meet end user requirements.

Withstands the Elements

The SensorID EPC Class 1 Case Label is not just adept at operating in a warehouse environment; it was designed to withstand temperature, humidity, shock, and static extremes found in a wide variety of surroundings. The label is intended to operate in variable environmental conditions while being transported throughout the supply chain. The case label has a maximum shelf life of one year.



Easy Application, Printing Flexibility

The SensorID EPC Class 1 Case Label can be printed on and written to using specific printers designed to handle RFID labels. The labels are packaged in rolls with an adhesive backing for easy application to products. The labels have blank cover stocks so custom logos or any needed information can be printed on them.

Leadership In RFID Solutions

The Sensormatic SensorID EPC Class 1 Case Label is brought to you by ADT, one of the largest global providers of fully integrated retail and supply chain security and tracking solutions. Sensormatic solutions are installed in the majority of the world's top 100 retailers. No other RFID company offers the industry-leading Sensormatic brand — one of the first radio frequency technologies to extend the value proposition of retail supply chain visibility, agility in decision-making and RFID compliance to customers worldwide. And only ADT brings you the SensorID EPC Class 1 Case Label.

Specifications

Case Label 2.6" X 2.9"

Product Code: IDEPC1R313

1,000 labels per roll = 1 role per case
Reel Core: Cardboard core, inner diameter 3"(76mm)

Operating Frequency: 902-928 MHz
Read Range in Free Space at FCC Emission Limits: 6.6' (2m) – 13.1' (4m)
RF Air Protocol: EPCglobal Class 1
Memory: 64 bits; Read-Write
Data Retention: Life of product
ESD Voltage Immunity: +/- 0.5 kV peak

Operating Temperature: -20°C/+60°C (-4° to +140° F)

Storage Temperature: +15°C - +25°C, 40-60 % RH,

Web Width: 3.15" ± 0.01"

Inlay Roll Pitch: 3.15" ± .012"

Overall Thickness: 330 [µm] ± 10 [%]

Release from Liner: 8-16 N/inch

Peel Adhesion Strength: 15N/inch

Adhesive: Acrylic Based

Recommended Application for Antenna Efficiency: Attached to corrugated / paperboard cartons

The technology is proven. The benefits are real.

Tyco Fire & Security and ADT are proud to welcome the industry-leading Sensormatic SensorID EPC Class 1 Label to our open standard-based RFID product family. To learn more about the EPC Class 1 Label and the rest of our RFID products, call ADT at 1-877-258-6424, or visit www.sensormatic.com.