



Revolutionary multi-ply laminate carrier delivers security against RFID detection. The Guardian is durable, lightweight, and water resistant and boasts multifunctional printing and converting capabilities.

Guardian technology can be converted across various size envelopes, preventing the detection of RFID smart cards at 13.56 MHz.

What is RFID? (Radio Frequency Identification):

Radio-frequency identification is an automatic identification method for remote storage and retrieval information (using RFID devices). Most commonly found in card technology and product tracking, RFID chips can be scanned from several feet away beyond the line of sight.

All RFID systems have 3 basic parts:

1. ID tag or integrated circuit chip
2. Antenna
3. Reader

Because data can be read from a distance, greater security measures are needed.

Potential 13.56 MHz Contactless Applications:

- Smart Cards
- E-Passports
- Employee IDs
- Access Control Cards
- Driver's License
- Emerging Technologies

Guardian technology will prevent information theft and ease piece of mind!