Schreiner LogiData

Specialists in RFID Products and RFID System Solutions.
About Schreiner LogiData

The RFID-Technology

HF 13.56 MHz: Products and solutions for the near-field reading range

HF NFC: Products and solutions for the use with a mobile phone

UHF 868/915: Products and solutions in the UHF range
About Schreiner LogiData

The Markets

RFID: For industries

RFID: For pharmaceuticals

RFID: For security markets
About Schreiner LogiData

Our Services for You

On-site RFID process analysis

On-site feasibility studies

Product development
Plastic

Transparent processes with auto-ID

- Quick and secure data capture
- High resistance to weathering
- Optimized for container cleaning cycles
- Readable through plastic
- Bulk capture
- High reading range
- Suitable for on-site printing and programming

ISO/TS 16949

RFID for plastic applications in logistics

RFID for plastic applications in production
ESD and Carbon

Transparent processes with auto-ID

- Quick and secure data capture
- UHF RFID products on ESD and carbon
- Optimized for container cleaning cycles
- Reading ranges of up to two meters for small RFID labels
- On-site printing and programming

RFID labels for ESD logistics applications

RFID label for product labeling on carbon/ESD
Glass

Optimized processes with auto-ID

- Quick and secure data capture on and through glass
- High resistance to weathering
- Access monitoring for parking areas
- Labeling of solar modules
- On-site printing and programming

RFID labels for roof systems and window marking

RFID labels for applications on glass
Substrates

**Metal**

**Transparent processes with auto-ID**

- Quick and secure RFID data capture on metal
- High resistance to influences from the production environment
- Reading range of up to four meters for small RFID labels
- Several formats optimized for EU and US frequencies
- On-site printing and programming

**ISO/TS 16949**

UHF RFID labels for logistic applications on metal

UHF RFID label for product solutions on metal
Heat

**Optimized processes with auto-ID**

- Quick and secure data capture on metal
- Able to withstand several process cycles up to 230°C
- High dimensional stability, silicone-free
- On-site printing and programming

UHF RFID labels for painting and drying processes

UHF product solutions on metal for temperatures up to 230°C
Requirements

Security

Secure processes with auto-ID

- Quick and secure RFID data capture
- Electronic anti-tampering protection
  - Locking
  - Encryption
- Physical anti-tampering protection

RFID labels with security function (HF/NFC)

RFID labels with security function (UHF)
Functional Principle

Key/Lock

Communication between machine and material

- Quick data capture of consumables on the device
- User control on the device for releasing consumables
- Counterfeit protection
- Invisible detection of the authenticity of consumables
- Protection against multiple use or refill
- Protection against use after expiration date

RFID labels for communication between device and material

Key/lock solution for toner cartridges
Functional Principle

NFC

Optimized communication with NFC

- Quick and secure data capture
- Readable on metal
- High resistance to weathering
- Additional optional functions such as automatic data link to company website
- Storage of service and maintenance activities on the NFC tag
- Mobile data entry via smartphone
- Optional app for proof of authenticity

NFC labels for product marking on metal and nonmetal

Sales of NFC-capable mobile phones


NFC product solutions for products
RFID Labels in Action

**Vehicle Identification**

- Quick and reliable vehicle identification and verification of access authorization
- Optimum read range thanks to special antenna design
- UV and temperature resistance ensured by special protective film
- Takes up only a minimal part of the windshield

Road toll systems

Fleet management

Parking area operators
RFID Labels in Action

Payment

- Can be applied to virtually any everyday item
- Special shield layer ensures reliable function of the sticker even on metal housings
- Short transaction time and high reading ranges
RFID Labels in Action

Asset Management/Mobile Maintenance

- Reliable labeling of important items
- Time-saving identification, including metallic objects
- Electronic nameplate makes customer service operations quicker and easier
- Local storage of important information for direct access in the field
RFID Labels in Action

**Patient Compliance Monitoring**

- Easy reading via smartphone
- Product information for patients
- Recording patient behavior
- Additional information, such as reminder to take medication, re-order of the product ...
RFID Labels in Action

Product Authentication

- Product authentication via smartphone
- Link to a website that gives more information about the product
- Checking of expiration date and recalls
- Storage of product history
Systems and Services

Complete systems from one single source

- Dispensing, printing, scanning, functional testing and many special solutions
- One single contact for system and consumables
- Smooth integration into existing processes
- Competent servicing and quick trouble-shooting with our own service personnel
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