faubel®
More than just labels

Display Your World

NFC IOT RFID

Faubel-Logistics Label

E-Paper-Display
Applications

Transport boxes
Whether it is the contents of transport boxes, shipping addresses or handling instructions that change: e-paper displays are able to show any change at any time. Data is exchanged with the SAP system via an integrated interface.

Time-temperature monitoring
E-paper displays are used for time-temperature monitoring. They show temperature values and enable continuous monitoring in supply chains.

Cashbox management
In cashbox management, security is a top priority. It revolves around locating and identifying valuable goods transported in cashboxes. E-paper displays permanently show important information and whether tampering has occurred.

Smart Solutions
For Labeling

Faubel-Logistics Label
Smart labels are perfect for marking processes that require dynamic labeling. They are highly efficient, especially in inventory management and logistics. Fully batteryless, Faubel-Logistics Labels contain e-paper displays with rewritable RFID tags. The energy needed for updating data is supplied
by the RFID field of smartphones or other readers.

Product data
- Display size: 2.9 or 4.2 inch
- Display in black and white
- Supported standard: ISO 15693
- Batteryless

The Faubel Group
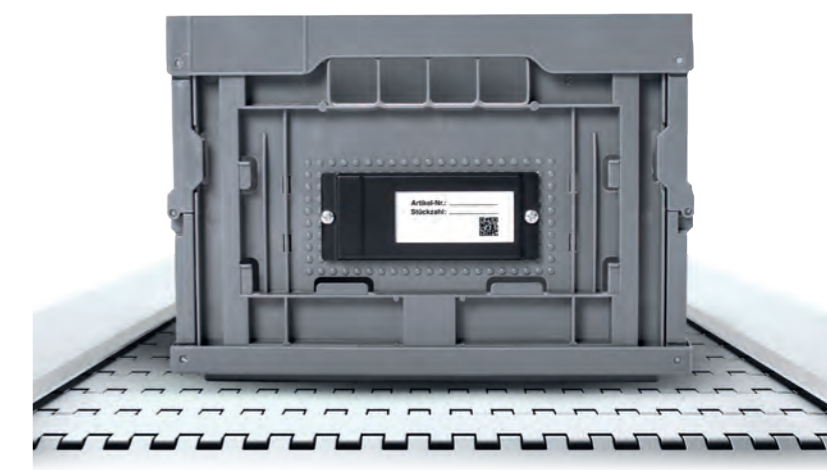*RFID Technology and Smart Labeling*

Faubel
Operating globally, Faubel & Co. Nachfolger GmbH is a family business with currently over 280 employees. Originating in the print, paper and film processing industry, Faubel has been demonstrating its expertise in all areas of product labeling for more than 165 years. The Smart Labeling segment, which has been established in recent years, offers RFID applications of various kinds. In addition to its headquarters and production site in Melsungen, Germany, Faubel has a global presence with sales offices in Europe, Asia and the USA.

SIL
Part of the Faubel Group since 2017, SIL System Integration Laboratory GmbH is Faubel's RFID Competence Center and innovation hub in RFID, e-paper, software development and IoT.

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in Paderborn, Germany

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R & D and manufacturing in Melsungen, Germany and sales offices across Europe

Sales Office
in Bordentown, NJ, USA

Sales Office
in Shanghai, China

Advantages at a glance

Faubel-Logistics Label

Process

Easy process integration
Connection to existing systems (inventory systems, ERP, ...)

Error reduction
No more errors due to manual labeling

Status change in real time
Quick updating of variable data

Reusable
Remains on the object (no need to change labels)

Display

Visually readable
Information displayed as text and graphics instead of codes only

Dynamic display
Showing texts, icons, barcodes and templates

Permanent display
No fading thanks to e-paper technology

Excellent readability
E-paper offers high contrast and therefore excellent readability even under sunlight

Powerless display
Data continues to be displayed even during power failures

Enclosure

Flexible mounting
Variants: screwing, gluing, inserting, magnetic mounting, Velcro

Robust
Resistant to external influences

Adaptable
Variable enclosure and display sizes

Economy, ecology

Quick return
High ROI

Low investment costs
No extra installation costs

Saves resources
No need to produce or print paper

Technology

Contactless updating
RFID radio control via stationary and mobile readers and smartphone app

Bridging technology
From barcodes to RFID

Energy harvesting
Supplies the energy needed for updating

Batteryless
Maintenance free and durable