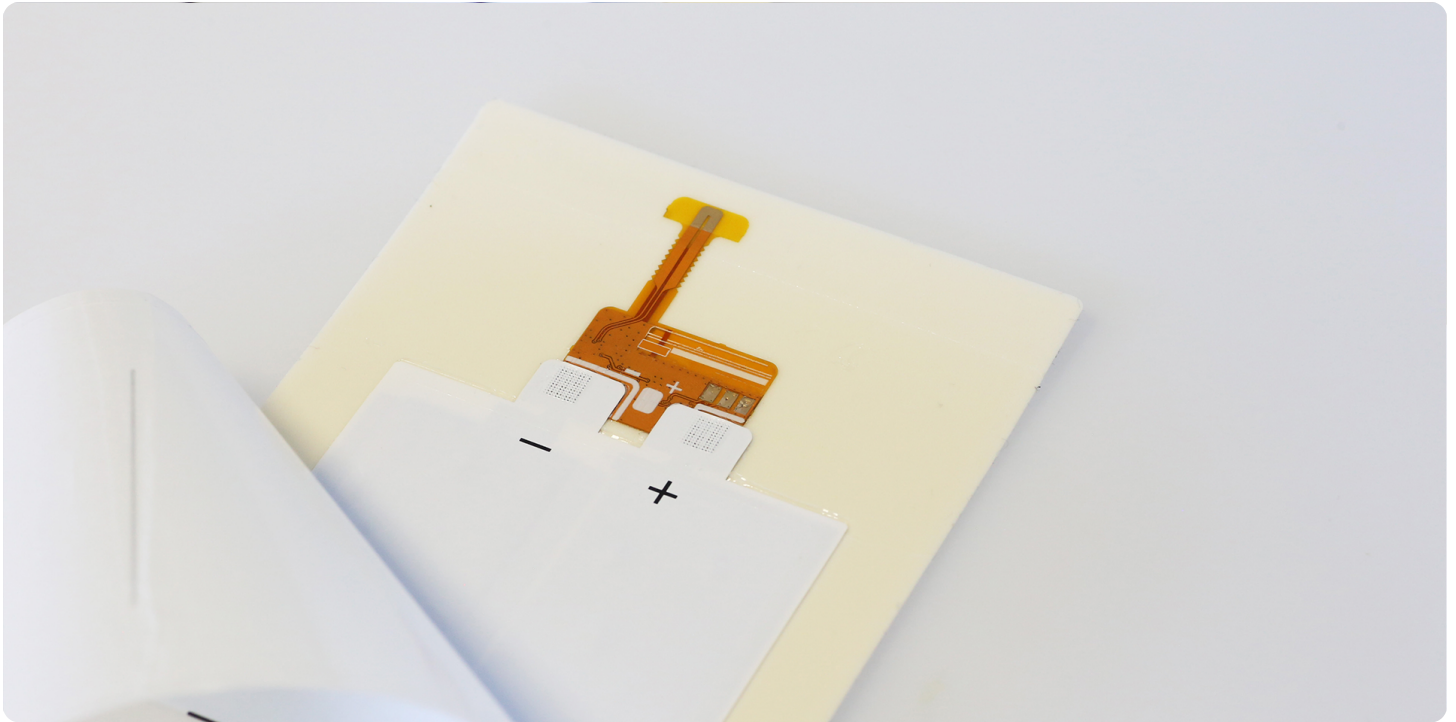




BEACON

Beacon Labels

[Request Now](#)

Our smart-LABEL beacons combine the flexibility of self-adhesive labeling solutions with the benefits of Bluetooth® Low Energy technology. With the appropriate infrastructure, they enable the real-time identification, localization, and status monitoring of objects, containers, equipment, and products.

Activation and Battery Concepts

In addition to variants with BLE or a combination of BLE and RFID, various activation and battery concepts are available, such as via pull-tab, NFC, UHF-RFID, or removal of the backing paper. They allow for optimal adaptation to logistics, storage, and installation, with the battery life beginning only upon activation during project operation.

Options range from ultra-thin batteries for self-adhesive labels and compact button cells to

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RATHGEBER GmbH & Co KG - Kolpingring 3 - 82041 Oberhaching - Germany

Managing directors: Business economist (VWA) Andreas Schrägle, Dipl.-Wirtsch.-Ing. (FH) Andreas Schrägle

Commercial register entries: Andreas Schrägle GmbH

Registered office Munich: AG Mchn. B 44890, smart-TEC GmbH & Co. KG: AG Mchn. A 8238 - VAT ID no.: DE 129 725 198

high-performance batteries for exceptionally long runtime.

Transmission interval and power, data format, and other parameters are configured to meet specific customer requirements to optimally adapt range, runtime, and performance to your project's needs.

Materials and Customization

In addition to traditional materials, sustainable solutions—such as paper batteries—are also available to combine environmental requirements with smart labeling technology.

Applications

- ✓ Asset and equipment management
- ✓ Tracking of bins, containers, and material flow
- ✓ Warehouse, logistics, and maintenance processes
- ✓ Quality and test equipment management
- ✓ Indoor localization and zone detection
- ✓ IoT and Industry 4.0 applications

Technical data



All properties of our RFID/NFC labels are optimized to your project requirements and application purposes.

Frequency	2.402 GHz – 2.480 GHz, 13.56 MHz (HF+NFC), 860-960 MHz (UHF)
Material	Paper, PET, PVC
Labeling	Print, Laser
Fastening	Self-adhesive
Sensors	Temperature, Humidity, Pressure, Shock

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Delivery form

Roll, Bow, Isolated

Suitability for metal surfaces

Depending on the use case

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