



ECO RFID
Tag Technology
by Beontag

A plastic-free tag optimized for small items

ECO Hook SX tag is specifically designed for small item retail applications. As a small tag, ECO Hook SX fits perfectly to small hangtags or stickers.

The high-quality materials allow a flexible, thin and resistant tag structure that also supports printed images.

ANTENNA DIMENSIONS

31X16 mm



FOOD
RETAIL



APPAREL



JEWELRY

M830 version



NXP U9-U8 version

ECO Hook SX key features



1:1 ECO Hook SX

Perfect for retail applications

ECO Hook SX is perfect for small items with limited space for tagging. It is suitable especially for item-level retail, logistics and supply chain applications. ECO Hook SX offers high read reliability and excellent performance even when stacked in close proximity, as well as a competitive cost level.

Reliable choice

ECO Hook SX tags pass industry standard tests for temperature and humidity (IEC 60068-2-67), temperature cycling (JESD22-A104-B) as well as tag bending tests. These comprehensive tests ensure ECO Hooks SX performs at all stages of the products life cycle and can safely be used to track items from source to the point of sale.

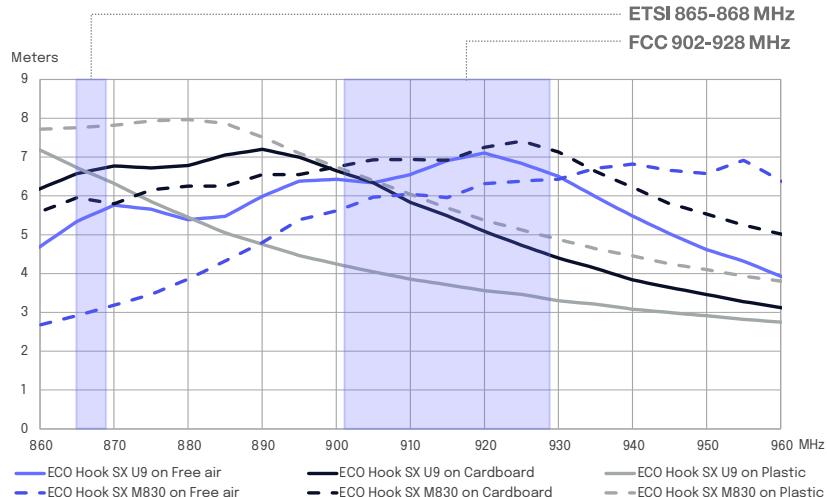
Global tag for global operations

ECO Hook SX is a choice for retailers and brand owners globally, as it is compliant with current frequency regulations. Converting of ECO Hook SX into hangtags or stickers is easy, and delivery format is a single layer paper tag without the extra polyester layer present in all traditional etched inlays.

Technical details

PRODUCT	ECO Hook SX UCODE 9	ECO Hook SX M830
Sales Code	3004388	3005356
IC & electrical details	96 bit EPC 860-960 Mhz EPC Gen2v2.1, ISO 18 000-63	128 bit EPC 860-960 Mhz EPC Gen2v2, ISO 18 000-63
Size (paper tag)	33 x 18 mm	33 x 18 mm
Web width	40mm	40mm
Delivery details	76 mm core 5000 pcs/reel 1 year shelf life in +20°C, 50%RH	

Theoretical read range forward

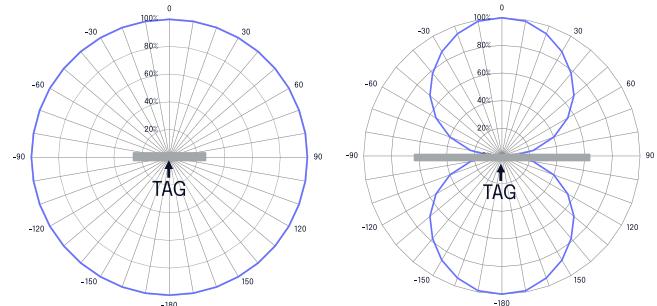


*U8 and U9xe IC versions also available on special request.

Suitable Use Cases

ECO tags are made with a sustainable paper-based substrate, which has limitations in durability. They are tested to withstand standard converting and label applicator processes, as well as indoor retail and logistics environments. Compared to PET-based tags, paper-based ECO tags are more sensitive to high humidity and are not suitable for applications involving heavy wrinkling. For more information, please contact Beontag.

Orientation Sensitivity in air



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About Beontag

From the science of graphic and label materials, RFID and wireless IoT enablers, we create solutions across the value chain to deliver digital transformation for businesses around the world.

Sustainability is at the core of what we do and we strongly believe that by substituting non-renewable materials and innovating through more sustainable and renewable products, we act as an ESG enabler for our customers' value chain.

Beontag is one of the world's leading providers of RFID and wireless IoT solutions, being present in more than 40 countries with 7 R&D centers and 2,000 employees, in constant development of technological and sustainable solutions designed to connect items, and gain efficiency and end-to-end traceability

CONTACT US FOR
MORE INFORMATIONS:
beontag.com

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