ECO RFID
Tag Technology
by Beontag

Sustainable tag optimized for retail and apparel

ECO Hanger X is designed with retailers' needs in mind.
ECO Hanger X is compatible with apparel hangtags and stickers.

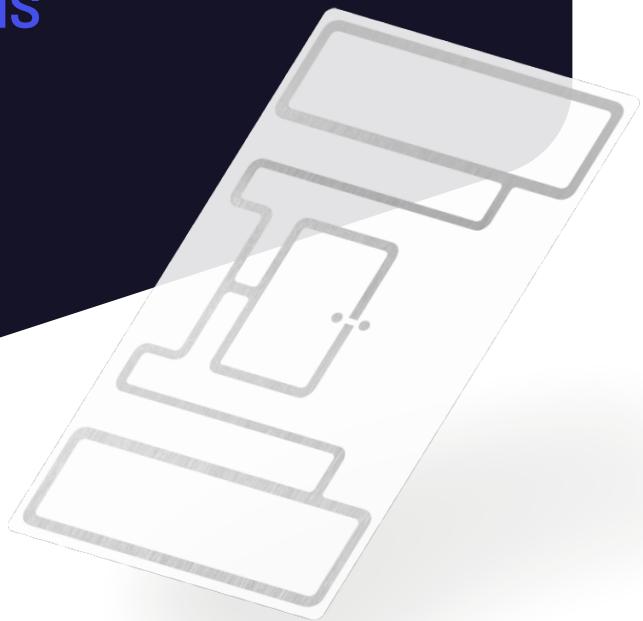
The ECO Hanger X is made of sustainable fiber-based substrate and is fully recyclable. The high-quality materials allow a flexible, thin and resistant tag structure that also supports printed images. By choosing ECO Hanger X, companies can have a carbon footprint reduction per unit compated to a PET/Alu tag, making a more sustainable choice. In addition, the FSC paper-based tag is fully recyclable, according to PTS RH 021/97, enabling circular economy.

ANTENNA DIMENSIONS

52X32 mm

FOOD RETAIL

APPAREL



RAIN RFID TAG

ECO Hanger X

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ECO Hanger X key features

1:1 ECO Hanger X

High performance for retail applications
ECO Hanger X is suitable especially for item-level retail, logistics and supply chain applications. ECO Hanger X offers high read reliability, orientation insensitivity, and excellent performance even when stacked in close proximity, as well as a competitive cost level.

Reliable choice
ECO Hanger X 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 tags performs at all stages of the products life cycle and can safely be used to track items from source to the point of sale.

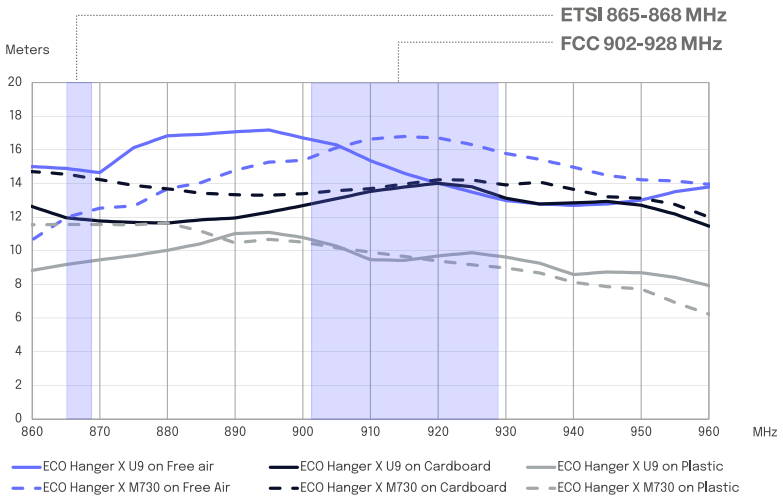
Global tag for global operations
ECO Hanger X is a choice for retailers and brand owners globally, as it is compliant with current frequency regulations. Converting of ECO Hanger X into hangtags or stickers is easy, the delivery format is a single layer paper tag without the extra polyester layer present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

Technical details

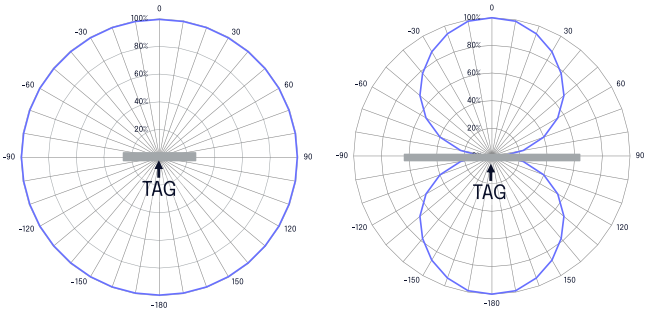
PRODUCT	M730	UCODE 9
Sales Code	3004393	3004211
IC & electrical details	128 bit EPC 860-960 Mhz EPC Gen2v2 ISO 18 000-63	96 bit EPC 860-960 Mhz EPC Gen2v2.1, ISO 18 000-63
Size (paper tag)	54 x 34 mm	
Web width	64 mm	
Delivery details	76 mm core 3500 pcs/reel 1 year shelf life in +20°C, 50%RH	

*__U8__, __U9xe__ and __M750__ IC versions also available on special request

Theoretical read range forward



Orientation Sensivity in air



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.

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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:
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RAIN ALLIANCE

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