



ECO RFID
Tag Technology
by Beontag

A plastic-free tag optimized for retail and apparel

ECO Hook M is specifically designed for retail applications. The form factor is a perfect fit for retailers' different hangtag sizes.

The ECO Hook M is made of a paper-based substrate. The high-quality materials allow a flexible, thin and resistant tag structure that also supports printed images.

ANTENNA DIMENSIONS

42X17 mm



FOOD
RETAIL



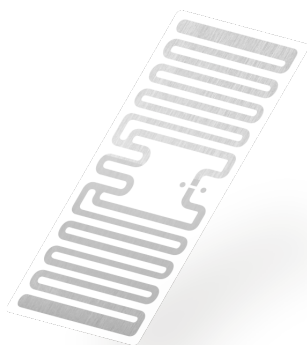
APPAREL



RAIN RFID TAG

ECO Hook M

ECO Hook M key features



1:1 ECO Hook M

Perfect for retail applications

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

Perfect for retail and item level tagging

ECO Hook M 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 Hook M performs at all stages of the products life cycle and can safely be used to track items from source to the point of sale.

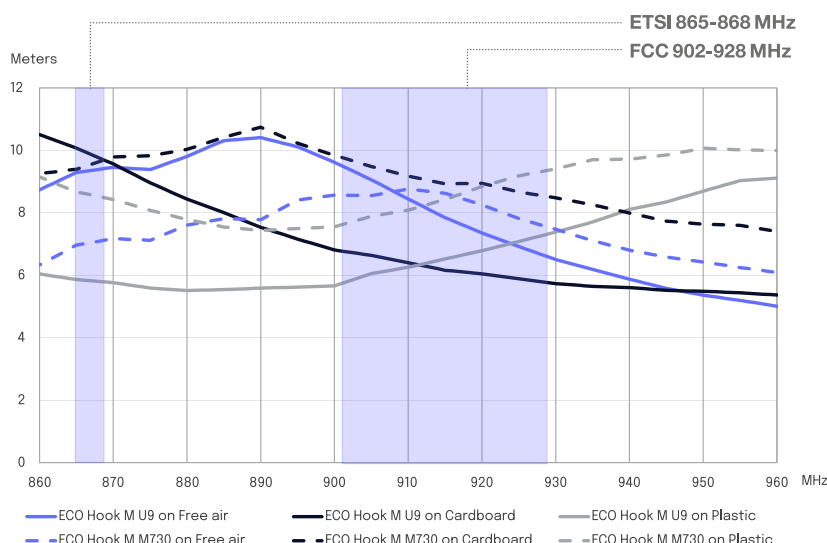
Converting of ECO Hook M into hangtags or stickers is easy, and delivery format is a single layer paper tag without the extra polyester layer present in all traditional etched inlays.

Technical details

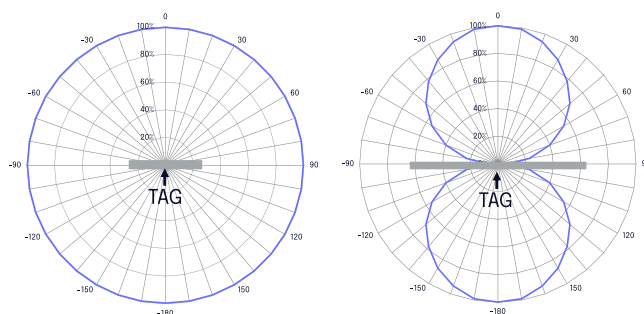
PRODUCT	M730	UCODE 9
Sales Code	3004407	3004383
IC & electrical details	128 bit EPC	96 bit EPC
	860-960 Mhz EPC Gen2v2, ISO 18 000-63	860-960 Mhz EPC Gen2v2.1, ISO 18 000-63
Size (paper tag)	44 x 19 mm	
Web width	50 mm	
Delivery details	76 mm core 5000 pcs/reel 1 year shelf life in +20°C, 50%RH	

*U8 and 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.

The performance of the product should always be tested in the actual application conditions. Our recommendations are based on our most current knowledge and experience and the pictures and illustrations presented in this document are for illustration purposes only. As our products are used in conditions beyond our control, we cannot assume any liability for damage caused through their use. Beontag reserves the right to change its products and services at any time without notice.

DISCLAIMER

THE MATERIALS, PRODUCTS AND SERVICES ARE SOLD SUBJECT TO ITS STANDARD CONDITIONS OF SALE, WHICH ARE INCLUDED IN THE APPLICABLE DISTRIBUTOR OR OTHER SALES AGREEMENT. ALTHOUGH ANY INFORMATION, RECOMMENDATIONS, OR ADVICE CONTAINED HEREIN IS GIVEN IN GOOD FAITH, BEONTAG AND ITS AFFILIATES MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, (i) THAT THE RESULTS DESCRIBED HEREIN WILL BE OBTAINED UNDER END-USE CONDITIONS, OR (ii) AS TO THE EFFECTIVENESS OR SAFETY OF ANY DESIGN INCORPORATING ITS PRODUCTS, MATERIALS, SERVICES, RECOMMENDATIONS OR ADVICE. EXCEPT AS PROVIDED IN BEONTAG STANDARD CONDITIONS OF SALE, BEONTAG AND ITS REPRESENTATIVES SHALL IN NO EVENT BE RESPONSIBLE FOR ANY LOSS RESULTING FROM ANY USE OF ITS MATERIALS, PRODUCTS OR SERVICES DESCRIBED HEREIN.

Each user bears full responsibility for making its own determination as to the suitability of Beontag products, materials, services, recommendations, or advice for its own particular use. Each user must identify and perform all tests and analyses necessary to assure that its finished systems incorporating Beontag products, materials, or services will be safe and suitable for use under end-use conditions. Nothing in this or any other document, nor any oral recommendation or advice, shall be deemed to alter, vary, supersede, or waive any provision of this Disclaimer, unless any such modification is specifically agreed to in a writing signed by Beontag.

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

The performance of the product should always be tested in the actual application conditions. Our recommendations are based on our most current knowledge and experience and the pictures and illustrations presented in this document are for illustration purposes only. As our products are used in conditions beyond our control, we cannot assume any liability for damage caused through their use. Beontag reserves the right to change its products and services at any time without notice.