ECO RFID
Tag Technology
by Beontag

A free-plastic tag optimized for item level retail and supply chain application

ECO Rack is designed to perform in demanding, close-coupling environments often present in retail and supply chain applications. ECO Rack's size is an established form factor commonly used in hang tags, price stickers and shipping labels.

ECO Rack is a paper-based tag and has only one layer and the release liner - a great choice for low-detuning materials such as cardboard and plastic.

ANTENNA DIMENSIONS

70X15 mm

FOOD RETAIL

APPAREL

SUPPLY CHAIN MANAGEMENT



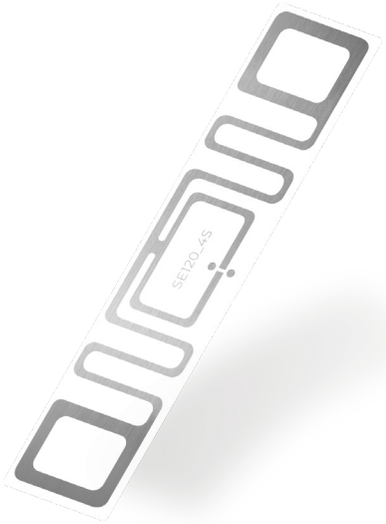
RFID RAIN TAG

ECO Rack

beontag

RFIDCanada
Automating Identification

ECO Rack key features



1:1 ECO Rack tag

Perfect for retail and item level tagging
ECO Rack is suitable especially for demanding retail and item level tagging. ECO Rack is cost-competitive with traditional inlay options. Innovative production technologies enable highly efficient production processes and minimize waste and transportation cost. ECO Rack offers high read reliability and excellent performance even when stacked in close proximity. ECO Rack is available with NXP's UCODE 8 and UCODE 9.

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

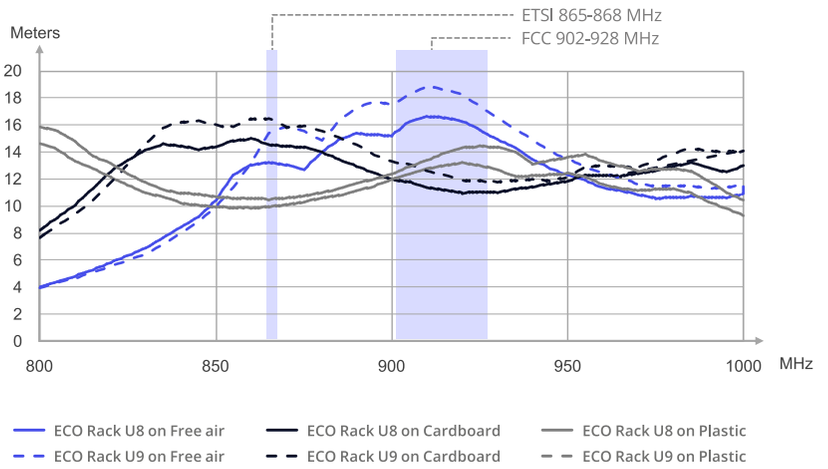
Global tag for global operations
ECO Rack is a choice for retailers and brand owners globally, as it is compliant with current frequency regulations. Converting of ECO Rack into hangtags or stickers is easy, the delivery format is a single layer paper tag without the extra polyester layer present in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

Technical details

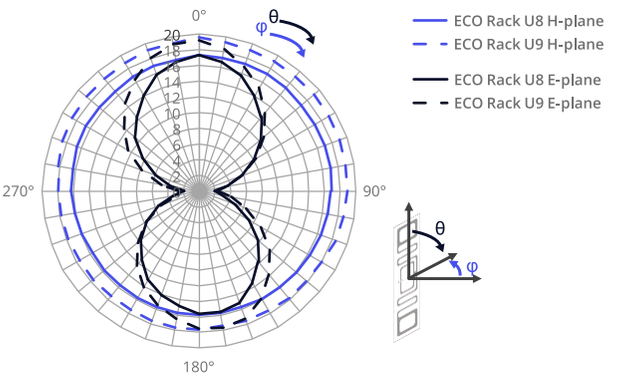
PRODUCT	ECO RACK M730	ECO RACK UCODE 9
Sales Code	3004406	3004385
IC & electrical details	128 bit EPC 860-960 Mhz EPC Gen2v2, ISO 18 000-63	96 bit EPC 860-960 Mhz EPC Gen, ISO 18 000-63
Size (paper tag)	72 x 17 mm	
Web width	80 mm	
Delivery details	76 mm core 5000 pcs/reel 1 year shelf life in +20°C, 50%RH	

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

Theoretical read range forward



Orientation Sensivity in air



About Beontag

Beontag is a global business enabler that serves as one of the world's leading providers of IoT solutions and graphic and label materials. With operations in more than 15 countries and a footprint in over 40 markets, the multinational company offers end-to-end product capabilities for a range of industries and businesses, driving seamless communication between companies, products, and people.

Beontag's business is underpinned by modern manufacturing facilities, strategic investments, R&D, and a range of highly qualified teams. Furthermore, the multinational is fully committed to enabling positive impacts across the entire value chain. As a member of the UN Global Compact since 2021, Beontag offers its customers a series of increasingly sustainable products while also working towards a diverse and equitable work environment

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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.