ECO RFID
Tag Technology
by Beontag

Sustainable performance across all surfaces with recyclable materials

Beontag ECO Stripe X is a small and flexible tag optimized for retail, industry and pharma. It can be used as on-metal and general-purpose tag as it works well on cardboard, plastic and paper surfaces and as flag tag on metal surfaces. By choosing Beontag ECO products, companies can have a carbon footprint reduction per unit compared 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

43X21 mm

ASSET TRACKING

SUPPLY CHAIN MANAGEMENT

INDUSTRIAL MANUFACTURING

AUTOMOTIVE



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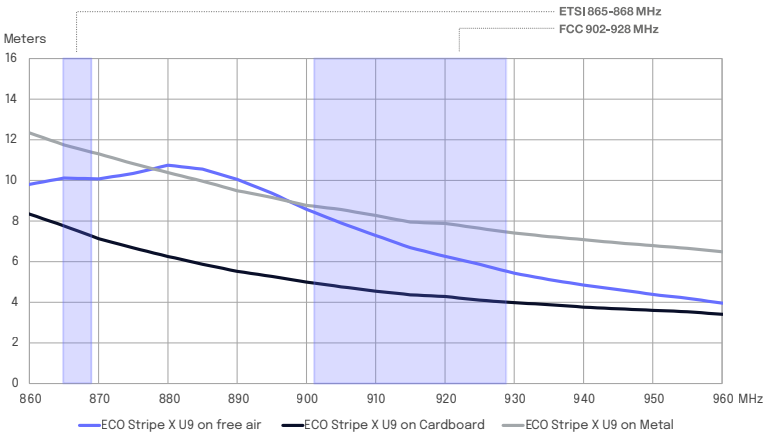
UHF RFID TAG

ECO Stripe X U9

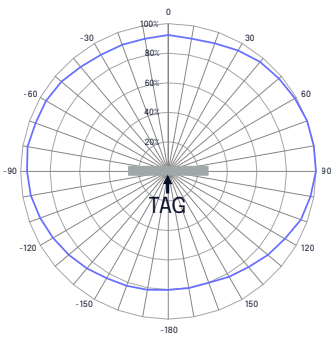
PRODUCT SPECIFICATION	
FREQUENCY BAND	860 MHz to 960 MHz
IC	Ucode 9 - NXP semiconductor
INTERNATIONAL STANDARDS	EPC global Gen2v2, ISO/IEC 18000-63
EPC and USER MEMORY	96 bits of EPC memory, 0 bits of User memory
TID MEMORY	96-bit / 48-bit unique serial number
OPERATING TEMPERATURE	-40 °C to 85 °C / -40 °F to 185 °F
INLAY SUBSTRATE	Paper
ANTENNA DIMENSION	43 x 21mm / 1.69 x 0.83"
PITCH	27,71mm / 1.09"
CORE INNER DIAMETER	76mm / 3"

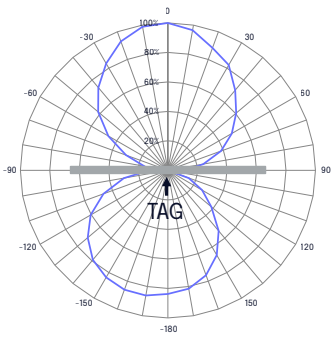
LABEL	
PRODUCT CODE	3004392
WEB WIDTH	55mm / 2.17"
FACE MATERIAL	TT Paper
DIE-CUT DIMENSION	45 x 23mm / 1.77 x 0.91"
QUALITY CHECK	100% tested
REEL/PACKAGE QUANTITY	3000pcs/reel, 6 reels (18000pcs) per box

Theoretical read range forward



Orientation Sensivity on metal





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

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CONTACT US FOR MORE INFORMATIONS:
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