

ECO Hook RAIN RFID Label

Stora Enso, Intelligent Packaging



Small and Sustainable RAIN RFID Label optimised for Retail and Apparel

Stora Enso's ECO Hook UCODE 8 label is specifically designed for retail applications. The form factor is a perfect fit for retailers' different hangtag sizes. The thin and slim ECO Hook also enables the use in various sticker sizes. ECO Hook is the sustainable choice for organisations that care about their ecological footprint. With a fibre-based substrate, ECO Hook enables a flexible and simplified tag structure, allowing high-quality tags that support the brand image. By selecting ECO Hook retailers make an environmentally friendly choice without the need to worry about recyclability.

Applications



Retail



Apparel



Key features of ECO Hook

Perfect for retail applications

ECO Hook is suitable especially for item-level retail, logistics and supply chain applications. The label complies with Auburn Radio Compliance (ARC) categories A, B, C, D, M, and Q defined by the RFID Research Center at the University of Auburn. ECO Hook offers high read reliability and excellent performance even when stacked in close proximity, as well as a competitive cost level.

Reliable choice

ECO Hook label passes 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 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 is a choice for retailers and brand owners globally, as it is compliant with current frequency regulations in the EU (ETSI), US (FCC), and Asia (SRRC). Converting of ECO Hook into hangtags or stickers is easy, and delivery format is a 2-layer paper tag without the extra polyester layer present in all traditional etched inlays.

About Stora Enso

Our aim is to replace non-renewable materials by innovating and developing new products and services based on renewable materials. And by transforming the world, we are transforming ourselves too; growing our expertise to meet the needs of our customers and overcome many of today's raw material challenges. As the leading global provider of renewable solutions in packaging, biomaterials, wooden constructions and paper, we employ around 26,000 people in 35 countries. Intelligent Packaging by Stora Enso is a leading global provider of products and services that enable our customers' digital transformation using the internet of things (IoT). We provide them with the means to connect physical items, gain efficiency, quality and visibility and exceed their customers' expectations.

Technical details

Sales Code

500034

IC & electrical details

NXP's UCODE 8

128 bit EPC

860 - 960 MHz

EPC Gen2v2, ISO 18 000-63

Size

Paper Tag size 18 x 49 mm / 3.82 x 1.06 in

Web width

55 mm

Operating temperature

-5 °C...+60 °C / +23 °F...+140 °F

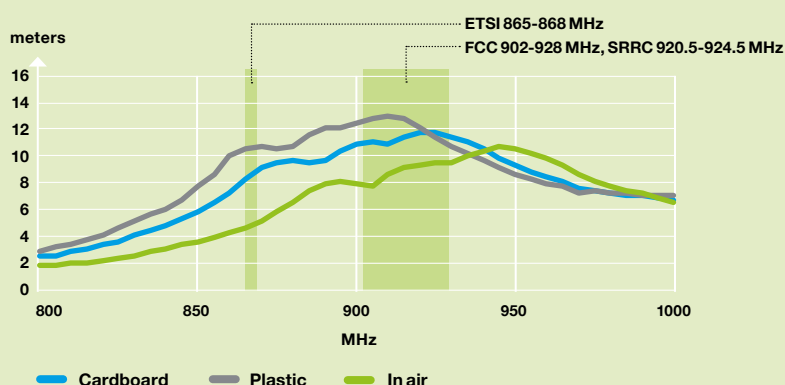
Delivery details

76 mm / 3 in core

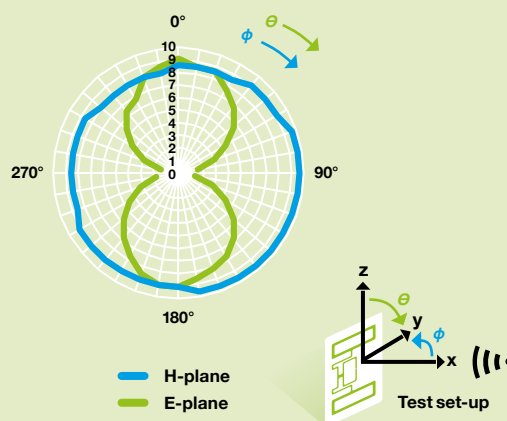
1 year shelf life in +20 °C / 68 °F, 50 % RH

5 000 pcs/reel, 40 000 pcs/box /

Theoretical read range forward



Orientation sensitivity



Contact us for more information:

www.storaenso.com/intelligentpackaging

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. Stora Enso reserves the right to change its products and services at any time without notice.

