

ECO Hook S RAIN RFID Label

Stora Enso, Intelligent Packaging



Sustainable RAIN RFID Label optimised for small items

Stora Enso's ECO Hook S UCODE 8 is specifically designed for item-level inventory management of small items. Due to its size and performance, ECO Hook S enables retailers to reliably identify and manage items such as accessories, cosmetics, eyewear, homeware and sporting goods. With a fibre-based substrate, ECO Hook S is the environmentally friendly choice for retail applications.



Applications



Retail



Apparel

Key features of ECO Hook S

Perfect for small items with limited space for tagging

ECO Hook S label's compact form factor allows its easy conversion into small-sized tags for use on items such as accessories, cosmetics, eyewear and homeware. Stora Enso's sustainable paper substrate allows printing information onto the paper face directly. ECO Hook S offers excellent performance even in close proximity cases. ECO Hook S uses NXP's UCODE 8 IC. The IC integrates Self Adjust, a feature that maximises the product performance across a broad range of operating frequencies, dielectrics and applications. NXP UCODE 8 also includes Memory Safeguard, a feature helping to ensure the integrity of customer data.

Reliable choice

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

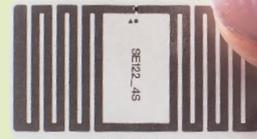
Global tag for global operations

ECO Hook S is a choice for retailers and brand owners globally, as it is compliant with current frequency regulations. Converting of ECO Hook S into hangtags or stickers is easy, the 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.

ECO Hook S UHF label
in natural size.



Technical details

Sales Code
500059

IC & electrical details
NXP's UCODE 8
128 bit EPC
860 - 960 MHz
EPC Gen2v2, ISO 18 000-63

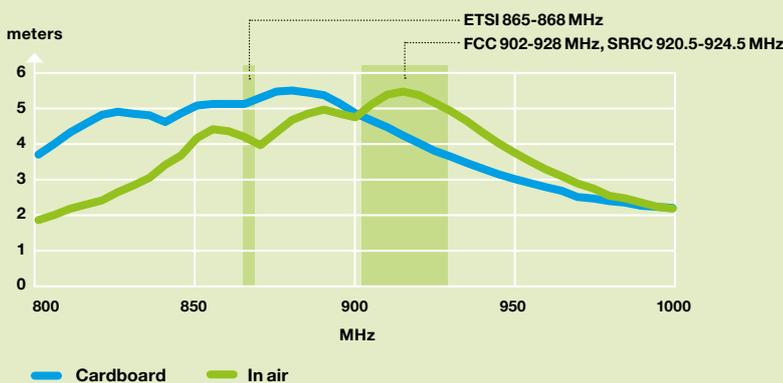
Size
Paper Tag size 33 x 18 mm / 1.30 x 0.71 in

Web width
36 mm

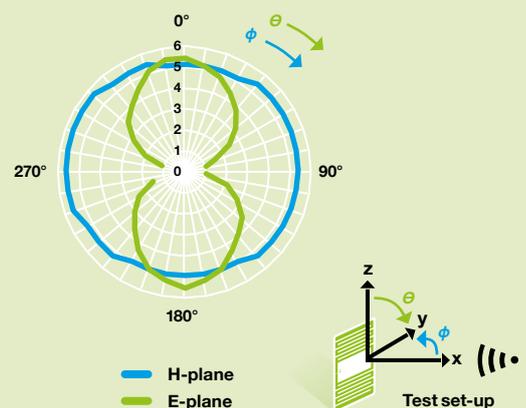
Operating temperature
-5 °C...+60 °C / +23 °F...+140 °F

Delivery details
76 mm / 3 in core
5 000 pcs/reel, 40 000 pcs/box
1 year shelf life in +20 °C / 68 °F, 50 % RH

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.

