

Bracket RAIN RFID label

Stora Enso, Intelligent Packaging



RFID Label Optimized for Supply Chain

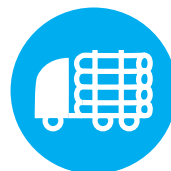
As a dedicated global player in packaging business, Stora Enso has created a set of solutions for digitalizing packaging with RFID. Digitized packaging offers business benefits in the supply chain process, brand protection and customer engagement. It is a clear and tangible route for packaged-based business to transform its model to current market demands.

Stora Enso's RFID labels are optimized for specific requirements in packaging environment. The key issues are for instance optimizing fit with the application process in converting factory and high quality reading during the handling and distribution phases – both of these in financially viable way.

Stora Enso's Bracket RAIN RFID label is specifically designed and optimized for supply chain management applications. It offers excellent global performance also on lower detuning materials like cardboard and plastic, and it supports dense tag reading environments, which are common e.g. in shipping and receiving processes.



Applications



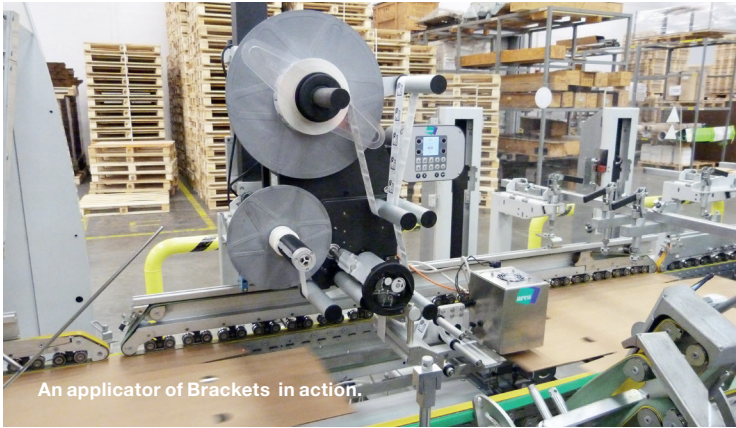
Supply chain
management



Packaging



Retail



An applicator of Brackets in action.

Key features of Bracket

Designed especially for packaging materials

Bracket's performance is optimized for light dielectric materials such as cardboard making it suitable for use with a wide range of supply chain and packaging applications.

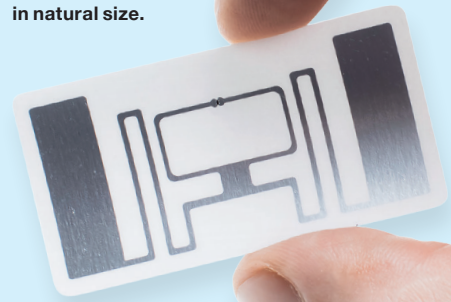
Optimized for high speed application systems

The roll and packaging sizes can be maximized and thus optimized for automated application processes which benefit from less roll changes. 100% quality tested and good tag rolls prevent waste of packaging blanks since typical label applicators do not remove bad tags.

Advanced IC and RF design

Labels are available with the NXP UCODE 7 chip that offers unique TID, enables pre-serialized EPC and parallel encoding, and provides a product status flag for EAS application. Bracket UCODE 7 offers fast inventory of dense RFID tag population – necessary e.g. in typical shipping and receiving processes.

The Bracket tag in natural size.



Technical details

Sales Code

500001

IC & electrical details

NXP's UCODE 7

128 bit EPC

860 - 960 MHz

EPC Class 1 Gen 2, ISO 18 000-6C

Size

Paper Tag 28 x 54 mm / 1.10 x 2.13 in

Web width

60 mm

Operating temperature

-40 °C...+85 °C / -40 °F...+185 °F

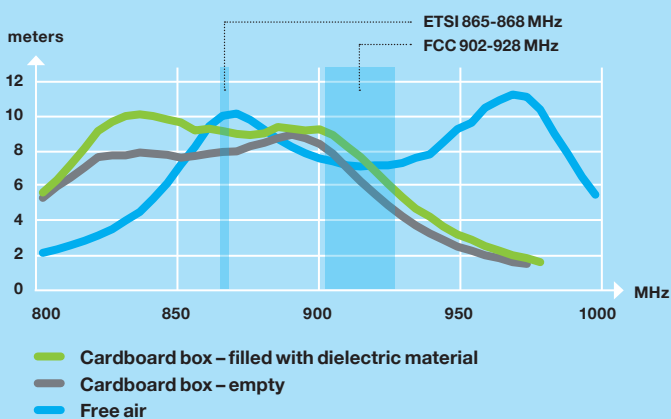
Delivery details

76 mm / 3 in core

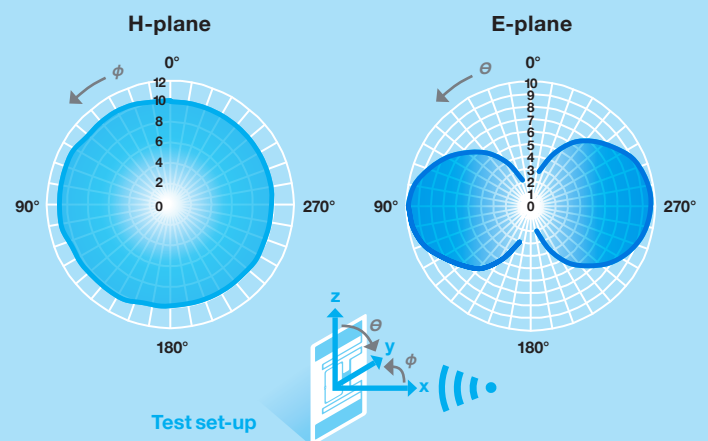
3 500 pcs/reel, 28 000 pcs/box

2 years shelf life in +20 °C / 68 °F, 50 % RH

Theoretical read range forward



Orientation sensitivity



Contact us for more information:

www.storaenso.com/intelligentpackaging

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