Racer RAIN RFID Label

Stora Enso, Intelligent Packaging

High-performing RFID Label for wide variety of Applications

Whether you are looking for a tag for global industry, retail, supply chain management, or sports event application, Stora Enso’s Racer MR6-P is the right choice. Racer meets the performance targets set for challenging environments as well as provides good reliability and cost-efficiency.

Racer MR6-P offers true global performance in wide variety of RFID tagging applications, even in the most demanding ones, including low detuning materials like cardboard, plastics, corrugated boxes and RTIs (Returnable Transport Item) as well as high tuning environments like sports timing. Thus it can be used to improve performance and efficiency in wide variety of use cases.

Applications

Industry  
Supply chain management  
Retail
Key features of Racer

Global performance
With its broadband design passive Racer MR6-P tag enables excellent read distance at various globally used RF frequency bands. Racer complies with Auburn Radio Compliance (ARC) categories A, B, C, D, F, M, N, and Q defined by the RFID Research Center at the University of Auburn. The same tag can be used by the manufacturer, the logistics service provider and the retailer, to track and identify products accurately and cost-efficiently throughout the supply chain at item level.

Featuring Monza R6-P
Racer incorporates the Gen2 compliant MR6-P IC which includes an autotune feature ensuring Racer’s performance at peak efficiency, even in different RF environments. The MR6-P RAIN RFID tag chip is optimized for serializing items such as apparel, electronics, cosmetics, pharmaceuticals, jewelry and various other products. With the addition of user memory and range-reduction switch, advanced usages such as loss prevention, brand protection and enhanced privacy are enabled.

Technical details

Sales Code
500043

IC & electrical details
Impinj’s Monza R6-P
128 bit EPC, 32 bit user memory (default)
860 - 960 MHz
EPC Gen2v2, ISO 18 000-63

Size
Wet Inlay size 97 x 15 mm / 3.82 x 0.59 in
Web width
100 mm

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

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

Contact us for more information:
www.storaenso.com/intelligentpackaging

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