

WEB

Optimized Size and Shape for Retail

SMARTRAC WEB inlays and tags are designed for the unique identification of items such as apparel and electronics. They are suitable especially for item-level retail, logistics and supply chain applications.

WEB inlays and tags have a compact 54 mm / 2 inch form factor and ideally shaped inlays for apparel hang tags providing high read reliability with low total applied costs.

They are with the NXP UCODE G2iL chip that offers unique TID and is available with NXP UCODE G2iL and G2iL+ IC platforms. WEB inlays are approved and certified in the University of Parma's RFID Lab tests, where the Web inlays have proven their excellent performance.

SMARTRAC's inlays and tags are compliant with ISO 9001:2015 Quality Management and ISO 14001:2015 Environmental Management, which ensure a reliable and state-of-the-art product that meets a variety of application needs, especially in the retail environment.

Overview

Operating Frequency

860 - 960 MHz

Integrated Circuit (IC)

NXP UCODE G2iL

Antenna Size

30 x 49 mm 1.18 x 1.93 in)

Die-cut Size

34 x 54 mm 1.34 x 2.13 in)

International Standards

- ▶ EPC Class 1 Gen 2
ISO 18000-6C

Application Areas

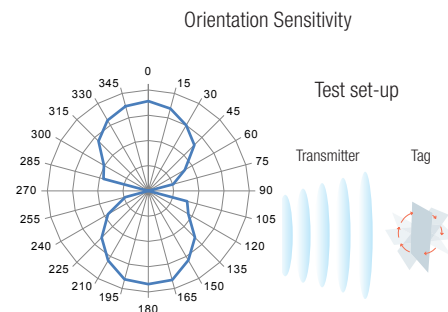
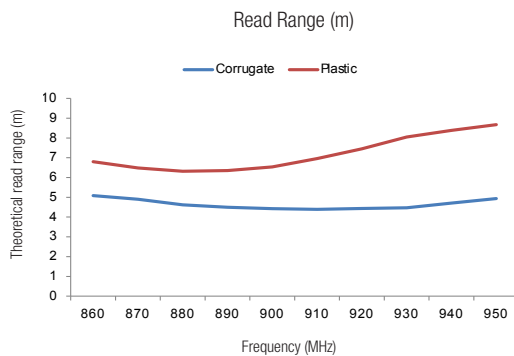
- ▶ Brand Protection
- ▶ Retail
- ▶ Supply Chain Management

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IC + Memory	Size	Format*	Sales Code
NXP UCODE G2iL	34 x 54 mm / 1.34 x 2.13 in	Wet	3002003
128 bit EPC	34 x 54 mm / 1.34 x 2.13 in	Paper Tag	3002004
Web Width	40 mm / 1.58 in		
Operating Temperature	-40 °C to +85 °C / -40 °F to +185 °F		
Adhesive	Acrylic, water borne adhesive		
Qty/Reel	2,000 pcs		
Core Size	76 mm / 3 in		
Shelf Life	+20 °C, 50 % RH / 68 °F, 50 % RH - minimum 2 years from the date of manufacturing		

*Additional product configurations are available upon request.



All the graphs are indicative; performance in real life applications may vary. The data has been determined based on calculations for transmitters with a 2W ERP output power level.

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