

## WEB

### Optimized Size and Shape for Apparel Applications

SMARTRAC WEB tags and inlays 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 products are compact and ideally shaped inlays for apparel hang tags providing high read reliability, excellent performance even when stacked in close proximity with low total applied costs.

Web tags with the NXP UCODE 7 IC, used in retail applications, have passed the Auburn Radio Compliance (ARC) tests A, B, F, G, K, I, M, and Q defined by the RFID Research Center at the University of Auburn. It is also tested to meet GS1 Tagged-Item Performance Protocol (TIPP) Tagged-Item Gratings M10B and S10B, M15B and S15B for the retail supply chain, retailers and suppliers.

Retailers and brand owners can deploy SMARTRAC WEB tags for apparel globally, as they comply with frequency regulations set up in US (FCC), EU (ETSI) and Asia.

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 7

##### Antenna Size

50 × 30 mm (1.97 × 1.18 in)

##### Die-cut Size

54 × 34 mm (2.13 × 1.34 in)

##### International Standards

- ▶ EPC Class 1 Gen 2
- ISO 18000-6C

##### Application Areas

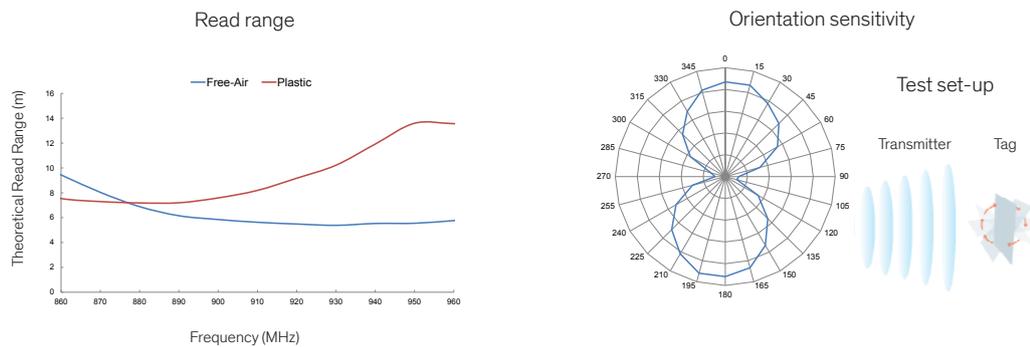
- ▶ Brand Protection
- ▶ Retail
- ▶ Supply Chain Management

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Technical Features			
<b>IC + Memory</b> NXP UCODE 7 128 bit EPC	<b>Size</b>	<b>Format</b>	<b>Sales Code</b>
	34 × 54 mm / 2.13 × 1.34 in	Wet	3005234
	34 × 54 mm / 2.13 × 1.34 in	Paper Tag	3002972
Web Width	60 mm / 2.36 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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