



## WEB

### Optimized Size and Shape for Apparel Applications

SMARTRAC's WEB inlays and tags are designed for the unique identification of items such as apparel and electronics. They are particularly suitable for item-level retail applications, offering high performance and best-in-class orientation sensitivity.

WEB products are compact and ideally shaped for use as apparel hang-tags, providing high read reliability with optimum performance, resulting in low fixed infrastructure and total applied costs. Retailers and brand owners can deploy these solutions globally for apparel, as they comply with current frequency regulations in the US (FCC), EU (ETSI) and Asia. SMARTRAC's WEB inlays and tags can be easily converted into hang-tags or care labels, and are available in in dry, wet and paper tag delivery formats.

They are equipped with the Impinj Monza R6 and Monza R6-P chip that features an Autotune function, which helps WEB to work at peak efficiency, even in rapidly changing environments. WEB inlays and tags with the Monza R6 chip offer unique TID and enable pre-serialized EPC. Inlays with Monza R6-P offer additional features such as add-on user memory and on-demand memory configuration as well as a kill function and easy access control to change tag information for store data, if required.

Additionally, the inlays and tags are suitable for full integration into the SMART COSMOS Cloud Services platform.

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)**  
Impinj Monza R6 & R6-P

**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

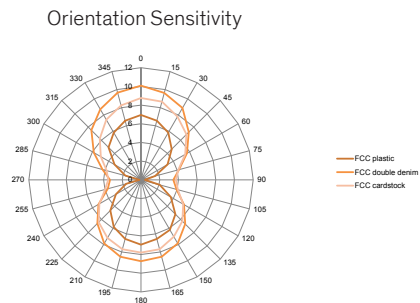
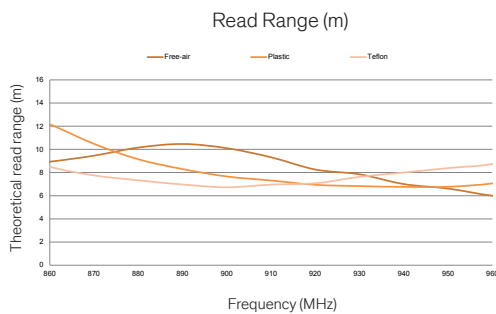
- ▶ Brand protection
- ▶ Retail
- ▶ Supply chain management

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Technical Features			
IC + Memory	Size	Format*	Sales Code
Impinj Monza R6 96 bit	50 × 30 mm / 1.97 × 1.18 in	Inlay	3005837
	54 × 34 mm / 2.13 × 1.34 in	Paper Tag	3006074
Impinj Monza R6-P 128 bit EPC + 32 bit user 96 bit EPC + 64 bit user	50 × 30 mm / 1.97 × 1.18 in	Dry	3006082
	54 × 34 mm / 2.13 × 1.34 in	Wet	3006083
	54 × 34 mm / 2.13 × 1.34 in	Paper Tag	3006084
Web Width	60 mm / 2.4 in		
Operating Temperature	-40 °C to +85 °C / -40 °F to +185 °F		
Adhesive	Acrylic, water borne adhesive (wet), Solvent-free permanent adhesive (tag)		
Qty/Reel	8,000 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		

\*Note: Other formats 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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