

## BELT

### Compact Size with High Performance in Retail and Supply Chain Management

SMARTRAC BELT inlays and tags are designed for item level, logistics and retail applications offering high Supply Chain Management performance in apparel and brand protection, industrial and supply chain management solutions. The special design takes into account RF requirements for close coupling.

BELT tags with the Impinj Monza™ 5 ICs have a compact size, used in retail applications and are included in the approved inlay list for boxed electronics by the RFID Research Center of the University of Auburn for categories A, B, C, D, F, G, M N and Q. It is also tested to meet GS1 Tagged-Item Performance Protocol (TIPP) Tagged-Item Gratings M10B and S10B, M15B and S15B as well as M20D and S15B for the retail supply chain, retailers and suppliers.

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, enhancing RFID usage for difficult-to-tag materials.

#### Overview

##### Operating Frequency

860 - 960 MHz

##### Integrated Circuit (IC)

Impinj Monza 5

##### Antenna Size

70 × 14 mm / 2.75 × 0.55 in

##### Die-cut Size

73 × 17 mm / 2.87 × 0.67 in

##### International Standards

- ▶ EPC Class 1 Gen 2
- ISO 18000-6C

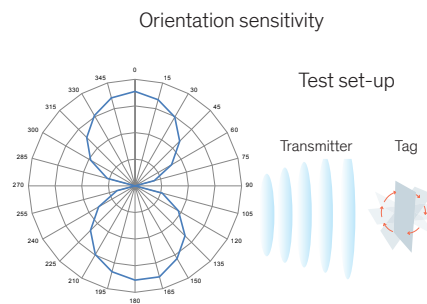
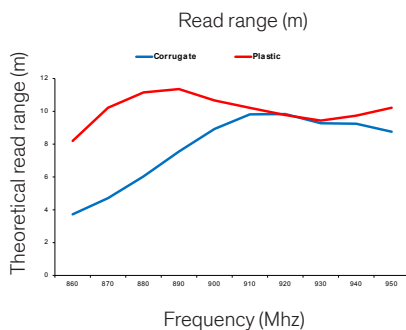
##### Application Areas

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

## BELT

Compact Size and High performance in Retail and Supply Chain Management

Technical Features			
<b>IC + Memory</b> Impinj Monza 5 128 bit EPC	<b>Size</b> 70 × 14 mm / 2.75 × 0.55 in 73 × 17 mm / 2.87 × 0.67 in 73 × 17 mm / 2.87 × 0.67 in 76,2 × 22,2 mm / 3.00 × 0.87 in	<b>Format</b> Inlay Wet Paper Tag Label	<b>Sales Code</b> 3002441 3002029 3002030 3002369
Web Width	80 mm / 3.15 in		
Operating Temperature	-40 °C to +85 °C / -40 °F to +185 °F		
Adhesive	Acrylic, water borne adhesive		
Qty/Reel	20,000 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		



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.

SMARTRAC N.V. · Strawinskylaan 851 · 1077 XX Amsterdam · The Netherlands

Phone: +31 20 30 50 150 · Fax: +31 20 30 50 155

Contact: Sales & Customer Service

[www.smartrac-group.com/contact](http://www.smartrac-group.com/contact)



© 2018 SMARTRAC N.V.

All rights reserved. Reproduction in whole or in part is prohibited without the prior written consent of the copyright owner. The information presented in this document does not form part of any quotation or contract, is believed to be accurate and reliable and may be changed without notice. No liability will be accepted by the publisher for any consequence of its use.

