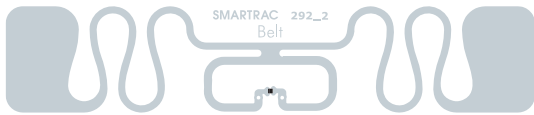


## Belt

<b>Protocol</b>	EPC Class 1 Gen ISO 18000-6C
<b>Operating frequency</b>	Global 860–960 MHz
<b>Antenna size</b>	70 x 14 mm / 2.7 x 0.6 inch
<b>Belt key features</b>	<ul style="list-style-type: none"><li>• Global, high performance, especially in SCM and item level applications.</li><li>• University of Arkansas approved.</li><li>• 3" compact form factor.</li><li>• 128 bit EPC, Serialized TID.</li></ul>



# Belt

### Antenna dimensions

Antenna size	69,8 x 14 mm / 2.75 x 0.55"
Die-cut size	73 x 17 mm / 2.87 x 0.67"
Web width	80 mm / 3.15"

### Electrical specifications

IC	Impinj Monza 5
EPC memory	128 bit EPC
Operating frequency	860-960 MHz

### General characteristics of inlay

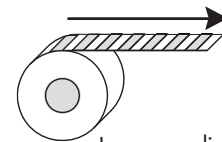
Operating temperature	-40 °C to 85 °C -40 °F to 185 °F
Bending diameter (D)	> 50 mm tension max. 10 N
Static pressure (P)	<10 MPa

### Delivery formats

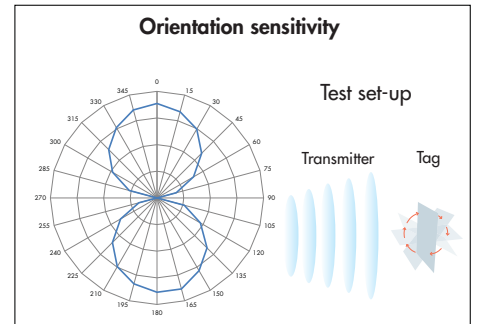
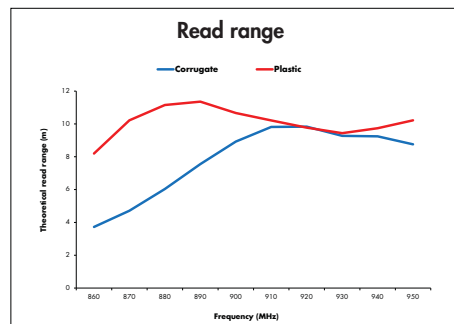
Available formats	Dry, wet, tag
Adhesive - temperature	Solvent-free permanent adhesive min. -20 °C to 80 °C min. -4 °F to 176 °F
Quality	100% performance tested

### Reel details

Standard reel size	15,000 dry & wet inlays 5,000 tags
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Inner core diameter 76 mm / 3 inch  
Reel diameter < 305 mm / 12 inch



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 TECHNOLOGY GROUP uses three different test methods to evaluate the reliability of the RFID inlay and tag products it produces. Products are tested according to IEC 60068-2-67 (temperature and humidity), JESD22-A104-B (temperature cycling) and an in-house developed bending test.

#### Disclaimer

SMARTRAC TECHNOLOGY GROUP reserves the right to change its products and services at any time without notice. Our recommendations are based on our latest knowledge and experience. As our products are used in circumstances beyond our control, we cannot be held liable for any damage caused through their use.