Belt

Overview

Frequency Band
UHF 860 - 960 MHz

Chip
NXP UCODE G2iL

Antenna Dimensions
70 x 14 mm / 2.756 x 0.551 in

Industry Segments
Apparel
Industrial Applications

Applications
Brand Protection
Supply Chain Management
Home Essentials

RoHS
EU Directive 2011/65/EC and
Directive (EU) 2015/863

REACH
Regulation (EC) No 1907/2006

Compact size and high performance in item-level tagging

Our Belt inlays and tags are designed for global retail, industry and supply chain applications with excellent performance, including in close coupling environments.

Belt inlays and tags have a compact 76 mm / 3 inch form factor, which can be easily converted into end-application usage, and are available in dry, wet and label / sticker delivery formats. They are equipped with the NXP UCODE G2iL chip that offers a unique offer a unique 64-bit Tag IDentifier (TID) including 32-bit factory locked unique serial number.
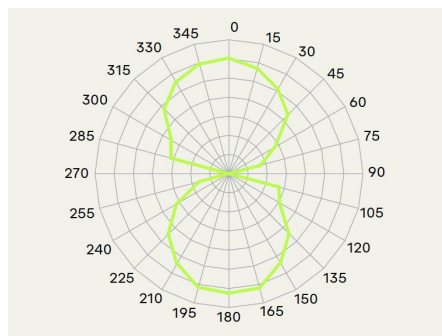
Belt with the NXP UCODE G2iL IC, used in retail applications, is included on the approved inlay list for boxed electronics by the RFID Research Center at the University of Auburn, and complies with categories A, B, D, G, M and Q. Furthermore, it meets GS1 Tagged-Item Performance Protocol (TIPP) Tagged-Item Gradings M10B S15B, M15B S15B and M20D S15D for the retail supply chain, retailers and suppliers.

Our 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.
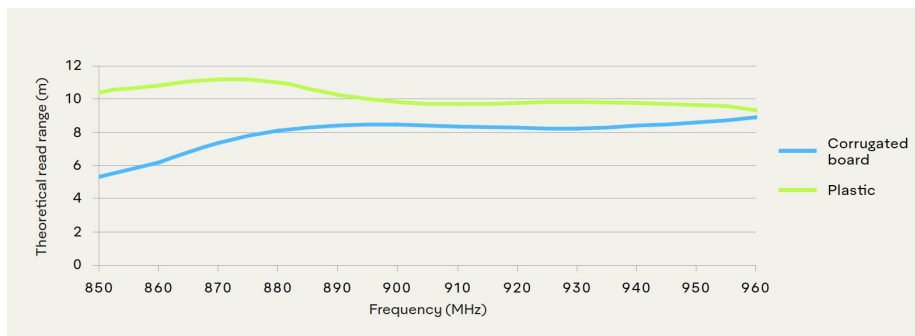
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Technical features

Chip	NXP UCODE G2iL		
EPC and User Memory	128-bit		
TID Memory	96-bit		
Product Code	3001962	3001963	3001964
Delivery Format	Dry inlay	Wet inlay	Label / sticker
Die-Cut Dimension	–	73 x 17 mm / 2.874 x 0.669 in	73 x 17 mm / 2.874 x 0.669 in
Inlay Substrate	PET	PET	PET
Face Sheet	Clear PET 12	Clear PET 12	Mid-gloss paper
Standard Pitch	20 mm / 0.787 in		
Web Width	74 mm / 2.913 in	80 mm / 3.150 in	80 mm / 3.150 in
Core Size	76 mm / 3 in		
Quantity / Reel	15000 pcs/reel	15000 pcs/reel	10000 pcs/reel
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F		

Orientation sensitivity

Read range

All graphs are indicative: performance in real life applications may vary.

Contact information

rfid.averydennison.com/contact
North America: +1-866-903-7343 (toll free US)
International: +1-678-617-2359

Connect with us on:

REACH COMPLIANCE

RoHS

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