AD Belt H M730

Overview

Frequency Band
UHF 860 – 960 MHz

Chip
Impinj M730

Antenna Dimensions
70 x 14.6 mm / 2.76 x 0.58 in

International Standard
ISO/IEC 18000-63, EPC Class 1 Gen 2

Industry Segments
Apparel
Logistics

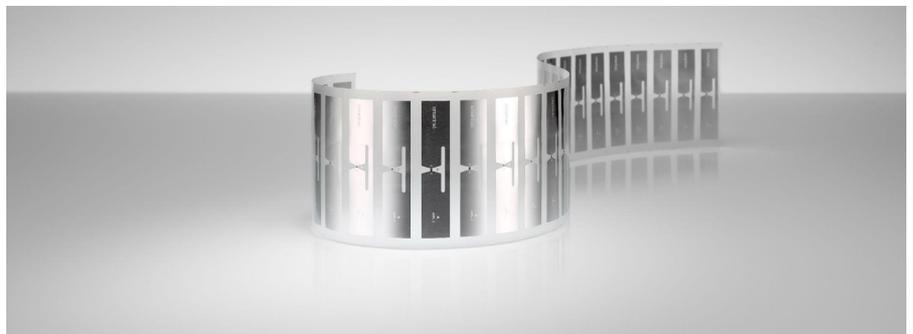**Applications**
Supply Chain Management
Inventory and Logistics

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

REACH
Regulation (EC) No 1907/2006

High reliability in high density, close proximity conditions

AD Belt H M730 inlays and tags from Avery Dennison Smartrac are designed for global retail, industrial and supply-chain applications, offering excellent performance in high density, close proximity conditions.
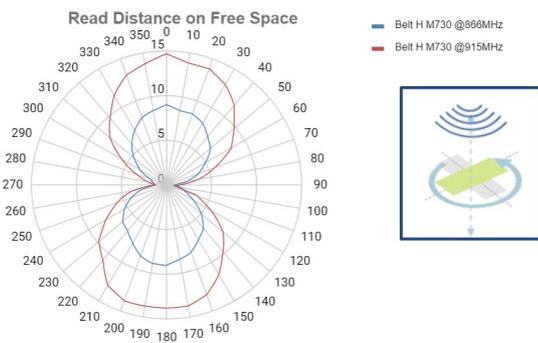
The Gen2 UHF RFID inlays have a 70 x 14.6 mm antenna design providing superior bulk reading performance when tagged items are stacked, and feature M730 chips from Impinj. The chip is equipped with 128-bit of EPC memory and a 96-bit Tag IDentifier (TID) with a 48-bit unique serial number factory-encoded into the TID. With a compact 73 mm (2.8 inch) form factor, easily convertible into end-application usage, they are available in dry, wet and paper tag delivery formats.

Like all RFID products from Avery Dennison Smartrac, AD Belt H M730 inlays are manufactured according to the industry's highest quality standards, as confirmed by the RFID Lab at Auburn University: The inspection body awarded Avery Dennison Smartrac its first comprehensive and significant ARC accreditation for quality.
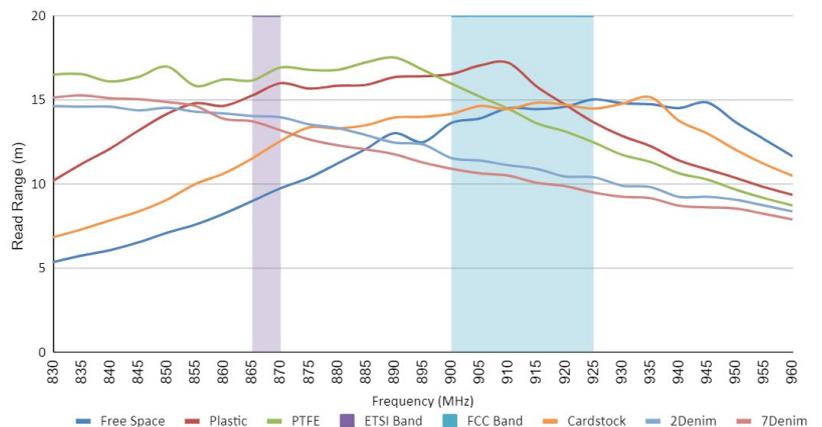
AVERY DENNISON

rfid.averydennison.com

Technical features

Chip	Impinj M730	
EPC and User Memory	128-bit and 0-bit	
TID Memory	96-bit / 48-bit unique serial number	
Product Code	3007884 / IL-603924	3007885 / IL-603925
Delivery Format	Dry inlay	Label
Die-Cut Dimension	–	73 x 17 mm / 2.87 x 0.67 in
Inlay Substrate	PET	PET
Face Sheet	–	Mid-gloss paper
Inlay Liner Material	Siliconized paper	Siliconized paper
Standard Pitch	20 mm / 0.787 in	20 mm / 0.787 in
Web Width	80 mm / 3 in	80 mm / 3 in
Core Size	76 mm / 3 in	76 mm / 3 in
Quantity / Reel	20,000 pcs/reel 20,000 pcs/pack	5,000 pcs/reel 10,000 pcs/Pack
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F	
Certificates	ARC spec H, N, Q, G, F, L, I, K, W1, W2, W3, W4, W5, and W6	

Orientation sensitivity

Read Distance on Free Space

Belt H M730 @866MHz
Belt H M730 @915MHz

Read range

Free Space   Plastic   PTFE   ETSI Band   FCC Band   Cardstock   2Denim   7Denim

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

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