

AD Maxdura[®] Flexible Laundry Tag

Overview

Frequency Band

UHF 860 - 960 MHz

Chip

Impinj M730

Antenna Dimensions

10 x 70 mm

International Standard

ISO 18000-63

OEKO-TEX[®] Standard 100

Industry Segments

Industrial Applications

Logistics

Apparel

Applications

Laundry

Supply Chain Management

Inventory and Logistics

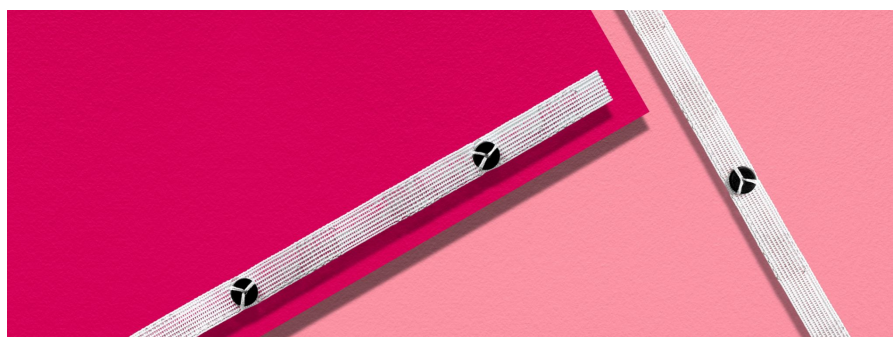
RoHS

EU Directive 2011/65/EU and

Directive (EU) 2015/863

REACH

Regulation (EC) No. 1907/2006



Robust and flexible

Avery Dennison's Maxdura[®] Flexible Laundry tag has been specially designed for rough environmental conditions in the laundry management industry. The size and performance of the RFID tag meets industry requirements to speed up inventory processes for hotels, hospitals and other institutions.

This flexible UHF tag supports an enhanced garment classification and can contribute to the efficient usage of water and energy. The tag, with its recycled polyester base material and reinforced IC is specially made for the laundry applications surviving up to 200 wash cycles of: water immersion, high temperatures up to 200°C, pressure and detergents.

The RAIN UHF tag allows for bulk reading, to increase efficiency in laundry processes, offering optimized reading distance of up to 10 meters and can be directly sewn onto sheets, garments and other laundry items. By complying with all relevant industry standards (ISO 18000-63 and OEKO-TEX[®] Standard 100) and passing broad and strict quality tests for temperature, humidity and pressure resistance, Maxdura[®] Flexible Laundry is set to become the benchmark RFID tag in wet industry segments.

Like all RFID products from Avery Dennison, Maxdura[®] Flexible Laundry inlays are manufactured according to the industry's highest quality standards. As certified by European EPC Competence Center.

Technical features

Chip	Impinj M730
EPC and User Memory	128-bit and 0
TID Memory	96-bit / 48-bit unique serial number
Product Code	510051
Delivery Format	Singulated
Dimension	10 x 70 mm / 0.394 x 2.756 in
Label Material	Polyester
Total Thickness	1,95 mm
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F
Wash Cycles	15 minutes 90 °C /195 °F
Drying Cycle	3 minutes 180 °C /356 °F
Ironing Cycle	12 seconds 200 °C /392 °F
Dry Press	60 Bar
Certificates	OEKO-TEX® Standard 100 CE/UKCA

Contact information

rfid.averydennison.com/contact

North America: +1-866-903-7343 (toll free US)

International: +1-678-617-2359

Connect with us on:



© 2021 Avery Dennison Corp. All rights reserved. 170 Monarch Lane, Miamisburg, OH 45342, USA Third party trademarks and/or trade names used herein are the property of their respective owner(s). Some of the trademarks appear for identification purposes only.

Warranty: Please refer to Avery Dennison standard terms and conditions: rfid.averydennison.com/termsandconditions

Care and handling: RFID inlays are sensitive to ESD. Observe standard industry practices relating to electronics / RFID to keep environmental impact and static charge to a minimum.

Applications: This product should be tested by the customer / user thoroughly under end use conditions to ensure the product meets the particular requirements. Avery Dennison does not represent that this product is fit for any particular purpose or use. Avery Dennison reserves the right to modify, change, supplement or discontinue product offerings at any time without notice. The information contained herein is believed to be reliable but Avery Dennison makes no representation concerning the accuracy or correctness of the data.

