

# Maxdura® Laundry

## Overview

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**Frequency Band**  
HF 13.56 MHz

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**Chip**  
EM 4033 DFN

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**Hard Tag Dimensions**  
Ø 16 mm / 0.63 in

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**International Standard**  
ISO 15693, ISO 18000-3

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**Industry Segments**  
Industrial Applications  
Logistics  
Apparel

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**Applications**  
Laundry  
Supply Chain Management  
Inventory and Logistics

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## Small in size, big in performance

Our Maxdura® Laundry has been specially designed for rough environmental conditions in the laundry management industry. The size and performance of the RFID tag meet industry requirements to speed up inventory processes for hotels, hospitals and other institutions. This small tag supports an enhanced garment classification and can contribute to the efficient usage of water and energy.

Our Maxdura® Laundry with its robust PPS housing material withstands water immersion, high temperatures up to 200°C, pressure and chemicals. Equipped with an anti-collision feature, the tag can be read simultaneously when tagged garments are stacked closely together in piles. As small form factor its offers excellent performance and a superior read distance of up to 70mm within the HF frequency band. It can be easily and invisibly sewn into linen sheets, garments and other laundry items.

By complying with all relevant industry standards (ISO 18000-3, ISO 15693) and passing broad and strict quality tests for temperature, humidity and pressure resistance, Maxdura® Laundry is set to become the benchmark RFID tag in wet industry segments.

## Technical features

Chip	EM 4033 DFN
TID Memory	Available
Product Code	3002637
Hard Tag Dimension	Ø 16 mm / 0.63 in
Thickness	3 mm / 0.12 in
Housing Material	PPS
Color	Beige
Operating Temperature	-40 °C to 85 °C -40 °F to 185 °F
Extreme Temperature	140 °C for 12 min max 220 °C / 3,5 bar for up to 1 min
Quantity / Package	1000 pcs / box
Certificates	IP68

### Contact information

[rfid.averydennison.com/contact](https://rfid.averydennison.com/contact)

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**Warranty:** Please refer to Avery Dennison standard terms and conditions: [rfid.averydennison.com/termsandconditions](https://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.