

AD Midas Flagtag® M750

Overview

Frequency Band

UHF 860 - 960 MHz

Chip

Impinj M750

Antenna Dimensions

34.4 x 18 mm / 1.36 x 0.71 in

International Standard

ISO 18000-6C, EPC Class 1 Gen 2

Industry Segments

Automotive
Logistics
Industrial Applications
Aviation

Applications

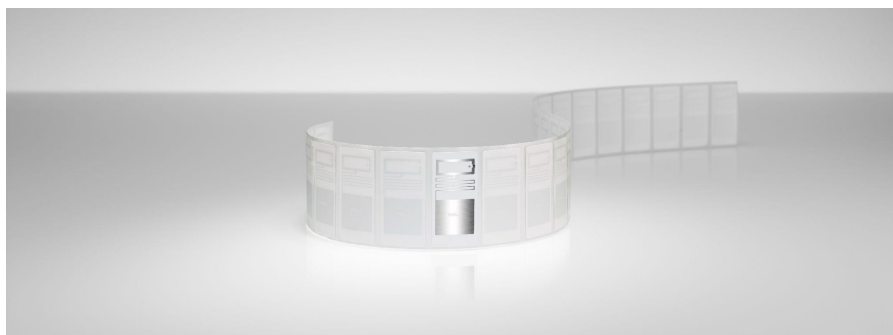
On-Metal Asset Tracking
Metal and Liquids
Supply Chain Management

RoHS

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

REACH

Regulation (EC) No. 1907/2006



Designed for item-level tagging in automotive and other industries

AD Midas Flagtag® with Impinj M750 is designed for item-level tagging. It can be applied on diverse surfaces, especially metallic surfaces, and offers excellent performance in less demanding physical environments. The tag can also be used on plastic and cardboard and works as a standard tag.

AD Midas Flagtag® M750 has an innovative compact form factor with a total size of 43 x 21 mm when used as a standard flat paper tag. The flag part of the tag must be placed outside of metal and the adhesive-base uses the metal surface as part of the antenna structure to increase the performance.

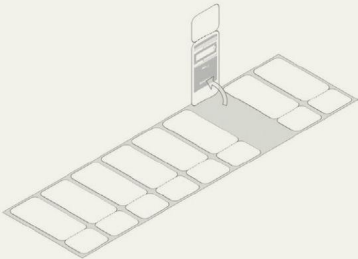
AD Midas Flagtag® M750 is equipped with Impinj M750 IC and offer 96-bit EPC, 32-bit user memory and 96-bit of serialized TID with a 48-bit serial number and are 100% performance tested. The inlays are available in wet delivery formats.

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.

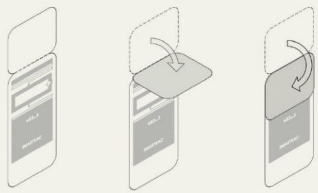
Technical features

Chip	Impinj M750	
EPC and User Memory	96-bit and 32-bit	
TID Memory	96-bit / 48-bit unique serial number	
Product Code	3008383 / IL-604271	3008274 / IL-604198
Delivery Format	Label	Label
Die-Cut Dimension	43 x 21 mm / 1.7 x 0.83 in	43 x 24 mm / 1.7 x 0.945 in
Inlay Substrate	PET	PET
Face Sheet	White PET	White PET
Adhesive	RA25	RA2
Standard Pitch	24 mm / 0.945 in	27mm/1.063 in
Web Width	46 mm / 1.811 in	46 mm / 1.811 in
Core Size	76 mm / 3 in	76 mm / 3 in
Quantity / Reel	5000 pcs/reel 10000 pcs/box	5000 pcs/reel 10000 pcs/box
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F	

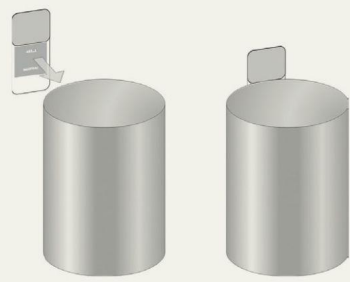
Folding instruction



1. Peel off Midas Flagtag® from substrate material, delivered in roll format.



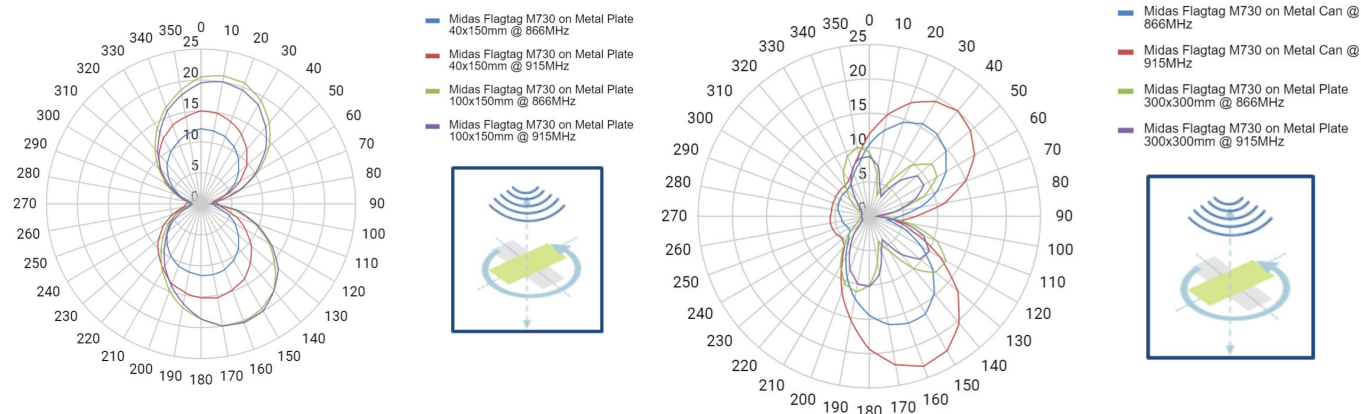
2. Fold the white rectangle part along the perforation line to cover the transponder.



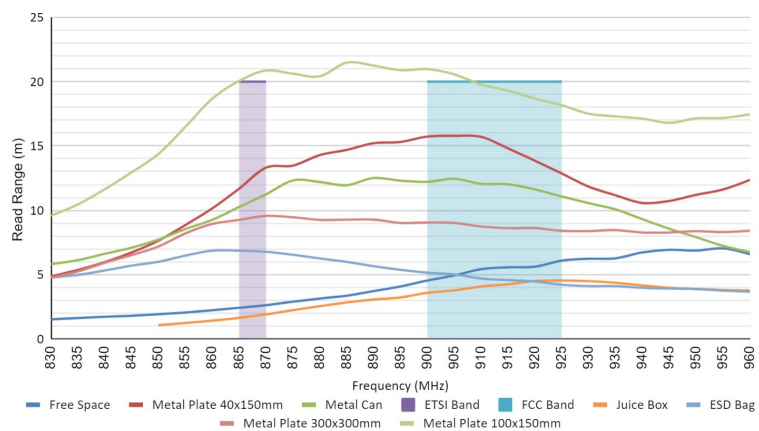
3. Apply the tag with the visible transponder area onto the metallic object and allow the folded flag to stick out.

For inlays with a fold please follow steps 1-3, for inlay without a fold please follow only step 3.

Orientation sensitivity



Read range



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