

Metal Mount RFID Tag

Suitable for mounting directly to a metal surface

The **Metal Mount RFID Asset Tag** is the optimal tag for tracking fixed or mobile assets with a metal surface which requires a tag that is directly attached to the surface of the asset. The inlay is completely enclosed within the label sealing it from environmental conditions that may have a harmful effect on the performance and duration of the tag. With a 4.75 mm (3/16") adhesive of foam that acts as an impasse which allows the RFID tag to read with minimum RF interference. All of our RFID tags are designed with proven durability, ready to withstand continuous usage in rough environments, generating a greater ROI for your business. Each tag can be programmed to match the variable information printed on the label. Every product features a subsurface digital printing process which ensures refined details on even the most eccentric logos for maximum clarity. Four colour processing is also available for endless colour and design options.



Test Results

These tests were conducted for a limited period of time in strict laboratory conditions. In order to achieve maximum satisfaction we highly recommend that any customer considering use of this product test the labels in the environment in which they will be use.

Read Range Test: The Tag has a read range of 1.5 to 1.8 metres (5 to 6* feet) using Motorola AR400 reader at 30 dbm

Chemical Soak Test Results (24 hours): Testing of label structure and printed image as well as readability of inlay.

Test Conditions	Result
Water	N.E.
Glass Cleaner	N.E.
Bathroom Cleaner	N.E.
Alcohol	Partially delaminated, Inlay Unreadable
Acetone	Delaminated, Inlay Unreadable
NaOH	N.E.
Nitric Acid	N.E.

* Read range differs by environment and type of reader usage



SPECIFICATIONS

Material	0.05 mm (0.002") polyester: 5 mm (0.20" total product thickness.
Label Copy	The label copy may include block type, stylised type, logos or other designs. All copy, block type, stylised type, logos, designs, and bar code are subsurface printed. This unique process provides excellent resistance to solvents, caustics, acids and moderate abrasion.
Colours	Standard colours include black, red, yellow, green and blue. All bar codes are imaged in black only due to contrast needed for the bar code scanner.
Serialisation	Bar code and human readable equivalent is produced using the latest high resolution digital technology available, which provides excellent clarity and easy scanning. Code 39 is the standard symbology with a range of 2.7 to 9.4 CPI (characters per inch). <i>Optional symbology</i> is Code 128. The bar code and human readable can be programmed into the RFID inlay as long as the information is in decimal or hexadecimal format. The programmed information can be locked, which prevents the RFID inlay from being rewritten. We can encode up to 24 characters into the RFID inlay and if required we can encode information that differs from the bar code and human readable.
Adhesive	4.75 mm (3/16") foam adhesive
Standard Size	96 mm x 96 mm 114mm x 25 mm

- Ideal for tracking assets with metal surfaces
- Made of flexible polyester material
- Digital printing process provides for greater print capability with detailed logos or special designs
- Choice of up to four standard or custom colours
- Read range 1.5 to 2.0 metres* mounted to metal surface



Our Innovation - Your Edge™

ASP MICROCOMPUTERS
14 Business Park Drive, Notting Hill, VIC 3168
T: 03 9578 7600 F: 03 9578 7727 Toll Free 1800 061 642
E: solutions@asp.com.au W: www.asp.com.au

Specifications subject to change without notice (E&OE) 0320

