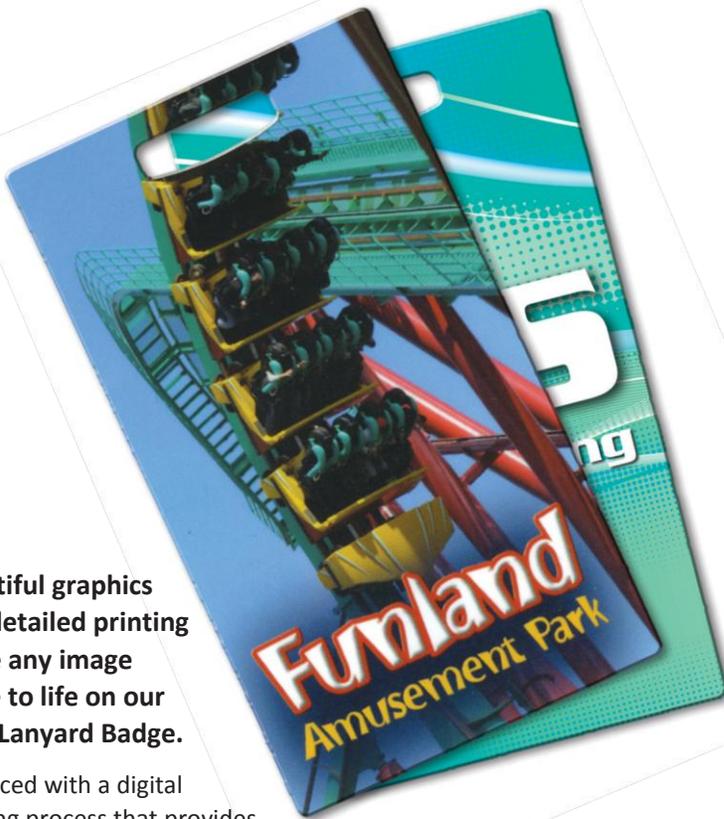


RFID Lanyard Badge



Beautiful graphics and detailed printing make any image come to life on our RFID Lanyard Badge.

Produced with a digital printing process that provides photographic like image quality of detailed logos or special designs, these tags are the perfect solution when you want your image to leave a lasting impression. And with our two-sided printing option your image has double the impact!

With stunning graphics the **RFID Lanyard Badge** look just as good as they perform.

Made from a combination of durable materials the actual tag construction permanently protects the tag by sealing it within the layers of durable material.

In addition, each tag can be programmed to match the variable information printed on the label.

Key Market Features

- *Stunning graphics!* Our subsurface digital printing process ensures crisp details on even the most complex logos for maximum clarity
- Potential uses include admission and tracking for trade shows, amusement parks, aquariums and zoos
- Constructed from the most durable permanent materials
- Thinner profile making them more convenient than the bulky and thicker options commonly used
- Variety of inlay options available
- 100% data verification
- Two sided printing available with the options of either constant and variable information
- High frequency (HF) Tags available

Not sure what product you need?

Contact **Peter Laws** for expert advice

0490 039 278



Phone: 0490 039 278
www.idtracon.com.au
email: sales@idtracon.com.au



RFID Lanyard Badge Product Construction

Standard Construction: Specialised RFID inlay encapsulated between 0.08 mm (0.003") thick white polyester and 0.25 mm (0.010") thick white polyester.

Optional Construction: Specialised RFID inlay encapsulated between 0.05 mm (0.002") thick white polypropylene and 0.25 mm (0.010") thick white polyethylene.

Label Copy: The label copy may include block type, stylised type, logos or other designs. All copy, block type, logos, designs, and bar code are subsurface printed. This unique process provides excellent resistance to solvents, caustics, acids and moderate abrasion.

Colors: Standard colors include black, red, yellow, green and blue. All bar codes are imaged in black only due to contrast needed for the bar code scanner.

Serialization: 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). *Optional symbologies* are available.

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.

Frequency Range: UHF = 860-960 MHz
HF = 13.56 MHz

Standard Sizes: 95 mm x 54 mm

Shipment: Allow approximately 20-30 work days depending on order quantity and inlay availability

To Order: call: 0490 039 278 (*Customer Service*)
email: sales@idtracon.com.au

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 used.

Read Range Test: Tag has a read range of up to 4 metres (15 feet) using Motorola AR400 portal reader at 24 dbm

Chemical Soak Test Results (24 hours): Test 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	N.E.
Acetone	Delaminated, Inlay Unreadable
NaOH	N.E.
Nitric Acid	N.E.

*Read range differs by environment and reader type.



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