



impro<sup>®</sup>

RFID Tags

Product Specifications Catalogue

[www.impro.net](http://www.impro.net)

### Standard Round Button Tag



## Overview

Impro provide a wide range of high-quality RFID tags for use with their range of access control systems. These tags are manufactured to international standards, providing long and trouble-free operation in the field.

Slots for a wristband are provided, as well as two apertures suitable for attachment to a key ring.

This Tag employs proprietary encoding known as trinary encoding. The letter "S" in the indent on one side of the tag indicates that the tag is an Impro Standard Tag.

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# Specifications

## Physical

|                           |                        |
|---------------------------|------------------------|
| <b>Dimensions</b>         |                        |
| Diameter                  | : 38 mm (1.50 in).     |
| Thickness                 | : 5 mm (0.02 in).      |
| <b>Approximate Weight</b> | : 5.2 g (0.18 oz).     |
| <b>Material</b>           | : ABS.                 |
| <b>Colour</b>             | : Grey.                |
| <b>Slots</b>              | : Key-ring slot.       |
| <b>Identifying marks</b>  | : Embossed Impro logo. |

## Environmental

|                         |                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Temperature</b>      |                                                                                                                   |
| Operating               | : -25°C to +65°C (-13°F to +149°F).                                                                               |
| Storage                 | : -25°C to +65°C (-13°F to +149°F).                                                                               |
| <b>Stress Endurance</b> | : The Tag is designed to endure common stresses found in use with access control and time and attendance systems. |

## Electrical

|                            |                    |
|----------------------------|--------------------|
| <b>Operating Frequency</b> | : 125 kHz ± 6 kHz. |
| <b>Encoding</b>            | : Trinary          |
| <b>Reader Interface</b>    | : Read-only.       |

## Compatibility

The Impro Standard Round Button Tag is compatible with Link-Scan and Impro Wiegand readers.

## Standards

Production process - ISO9000.

## Warranty

One year.

## Product Codes

|                  |                                                                                                                                                                                             |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TRB01-1-0-NN-100 | : Standard Round Button Tag<br><i>(Full description: Tag, Impro Round Button, 36 mm x 4.5 mm, Slate Grey, Trinary, Read Only, 125 kHz, Code Impro Standard With "S" Insert in Plastic).</i> |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                           |          |             |                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|------------------------------------------------------------------------------------------|
| This Product Specification Catalogue applies to the ISO Credit Cards listed under Card Options<br>(The last two digits of the Impro stock code point to the issue status of the product). |          |             |                                                                                          |
| TRB350-0-0-GB-00                                                                                                                                                                          | Issue 01 | August 2008 | Impro Tags\Product Specification Catalogue\LATEST ISSUE\std rnd button tag-psc-en-01.doc |