

# Transponder ATEX

## DISC TAG

PART ID:  
**3000-03-152-00**

The ATEX Zone 1 / 21 certified 34 mm ON METAL RFID TAG is a general purpose product and useful in multiple industrial applications to optimize object identification in asset management, machine marking, mobile maintenance and service and all kind of logistics applications. The robust housing in combination with the 4.5 mm mounting hole provides the mounting in hazardous area and perfectly in and on metal environment.

### Main Specifications

|                       |  |
|-----------------------|--|
| Material              | Polyamid                               |
| Operating Temperature | -45°C to 60°C                          |
| IP Class              | IP68                                   |
| Compliance            | RoHs & Reach, CE                       |
| Key Features          | Rough Environment, High Durability     |
| Options               | Adhesive, Logo, Other Chips On Request |



### Chip Specification (Chip 152)

|           |                             |
|-----------|-----------------------------|
| Chip      | EM Marin - EM4200/Unique    |
| Frequency | 125 kHz ( LF )              |
| Memory    | UID 64 Bit; Read only       |
| Norm      | ISO/IEC 11784/85 Compatible |

### Full Specifications

|                  |  |
|------------------|--|
| Product ID       | 3000   |
| Atex             | yes  |
| On Metal Use     | yes  |
| Material         | Polyamid   |
| Shape            | Overmolded   |
| Long Description | The ATEX Zone 1 / 21 certified 34 mm ON METAL RFID TAG is a general purpose product and useful in multiple industrial applications to optimize object identification in asset management, machine marking, mobile maintenance and service and all kind of logistics applications. The robust housing in combination with the 4.5 mm mounting hole provides the mounting in hazardous area and perfectly in and on metal environment. |
| Key Features     | Rough Environment, High Durability   |

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|                         |  |
|-------------------------|--|
| Options                 | Adhesive, Logo, Other Chips On Request               |
| Comments                | Hole 4.5 mm, Other Color on Request, Adhesive 3M4604 |
| Article Type            | DISC TAG   |
| Diameter [mm]           | 34   |
| Thickness [mm]          | 6  |
| Weight [g]              | 7  |
| Hole                    | yes  |
| Operating Temp °C (min) | -45  |
| Operating Temp °C (max) | 60   |
| Storage Temp °C (min)   | -45  |
| Storage Temp °C (max)   | 60   |
| IP Class                | IP68   |
| Chemical Resistance     | Not Specified  |
| Flame Resistance        | Not Specified  |
| Mechanical Resistance   | Not Specified  |
| Attachment Method       | Screw/Rivet  |
| Compliance              | RoHs & Reach, CE                                     |

## VARIANTS AND ICS

| ID             | Variant      | Band | Type          | ISO                         |
|----------------|--------------|------|---------------|-----------------------------|
| 3000-01-152-00 | D34mm,yellow | LF   | EM4200/Unique | ISO/IEC 11784/85 Compatible |
| 3000-01-260-00 | D34mm,yellow | HF   | ICODE SLIX    | ISO/IEC 15693 & 18000-3     |
| 3000-01-263-00 | D34mm,yellow | HF   | NTAG213       | ISO/IEC 14443A & 18000-3    |
| 3000-01-266-00 | D34mm,yellow | HF   | NTAG216       | ISO/IEC 14443A & 18000-3    |
| 3000-01-362-00 | D34mm,yellow | UHF  | Monza 4QT     | ISO 18000-6C / EPC Gen2 V2  |
| 3000-02-152-00 | D34mm,black  | LF   | EM4200/Unique | ISO/IEC 11784/85 Compatible |
| 3000-02-260-00 | D34mm,black  | HF   | ICODE SLIX    | ISO/IEC 15693 & 18000-3     |
| 3000-02-263-00 | D34mm,black  | HF   | NTAG213       | ISO/IEC 14443A & 18000-3    |
| 3000-02-266-00 | D34mm,black  | HF   | NTAG216       | ISO/IEC 14443A & 18000-3    |
| 3000-02-362-00 | D34mm,black  | UHF  | Monza 4QT     | ISO 18000-6C / EPC Gen2 V2  |
| 3000-03-152-00 | D34mm,blue   | LF   | EM4200/Unique | ISO/IEC 11784/85 Compatible |
| 3000-03-260-00 | D34mm,blue   | HF   | ICODE SLIX    | ISO/IEC 15693 & 18000-3     |
| 3000-03-263-00 | D34mm,blue   | HF   | NTAG213       | ISO/IEC 14443A & 18000-3    |
| 3000-03-266-00 | D34mm,blue   | HF   | NTAG216       | ISO/IEC 14443A & 18000-3    |
| 3000-03-362-00 | D34mm,blue   | UHF  | Monza 4QT     | ISO 18000-6C / EPC Gen2 V2  |
| 3000-04-152-00 | D34mm,green  | LF   | EM4200/Unique | ISO/IEC 11784/85 Compatible |
| 3000-04-260-00 | D34mm,green  | HF   | ICODE SLIX    | ISO/IEC 15693 & 18000-3     |
| 3000-04-263-00 | D34mm,green  | HF   | NTAG213       | ISO/IEC 14443A & 18000-3    |
| 3000-04-266-00 | D34mm,green  | HF   | NTAG216       | ISO/IEC 14443A & 18000-3    |
| 3000-04-362-00 | D34mm,green  | UHF  | Monza 4QT     | ISO 18000-6C / EPC Gen2 V2  |
| 3000-05-152-00 | D34mm,red    | LF   | EM4200/Unique | ISO/IEC 11784/85 Compatible |
| 3000-05-260-00 | D34mm,red    | HF   | ICODE SLIX    | ISO/IEC 15693 & 18000-3     |
| 3000-05-263-00 | D34mm,red    | HF   | NTAG213       | ISO/IEC 14443A & 18000-3    |
| 3000-05-266-00 | D34mm,red    | HF   | NTAG216       | ISO/IEC 14443A & 18000-3    |

| ID             | Variant   | Band | Type      | ISO                        |
|----------------|-----------|------|-----------|----------------------------|
| 3000-05-362-00 | D34mm,red | UHF  | Monza 4QT | ISO 18000-6C / EPC Gen2 V2 |

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