

# Transponder ATEX

## Square TAG

PART ID:  
**3009**

ATEX Zone 1 / 21 certified 20 mm x 20 mm x 1,2 mm ON METAL LF or HF TAG with adhesive

### Main Specifications

|                       |                                                                           |
|-----------------------|---------------------------------------------------------------------------|
| Frequencies           | <b>LF HF</b> UHF                                                          |
| Material              | PVC                                                                       |
| Operating Temperature | -20°C to 55°C                                                             |
| IP Class              | IP65                                                                      |
| Compliance            | RoHs & Reach, CE                                                          |
| Key Features          | Small Size, Ultra Thin, Rough Environment, Heat Tolerant, High Durability |
| Options               | Adhesive, Laser Engraving                                                 |



TOP VIEW



ADHESIVE BOTTOM VIEW

### Full Specifications

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product ID              | 3009                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Atex                    | yes                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| On Metal Use            | yes                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Material                | PVC                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Shape                   | Laminated                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Short Description       | ATEX Zone 1 / 21 certified 20 mm x 20 mm x 1,2 mm ON METAL LF or HF TAG with adhesive                                                                                                                                                                                                                                                                                                                                                                           |
| Long Description        | The ATEX Zone 1 / 21 certified 20 mm x 20 mm x 1,2 mm ON METAL LF or HF TAG with adhesive is used by customers and system integrators to identify portable measurement-, tablet-, laptop PCs and other stationary devices by means of RFID technology. So going out and return of tools and devices can be done automatically without using papers and filling in forms. Frequently inspections and calibration could be done in addition to optimize processes |
| Key Features            | Small Size, Ultra Thin, Rough Environment, Heat Tolerant, High Durability                                                                                                                                                                                                                                                                                                                                                                                       |
| Options                 | Adhesive, Laser Engraving                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Article Type            | Square TAG                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Color                   | White                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Length [mm]             | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Width [mm]              | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Thickness [mm]          | 1.2                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Weight [g]              | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Operating Temp °C (min) | -20                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

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|                         |                  |
|-------------------------|------------------|
| Operating Temp °C (max) | 55               |
| Storage Temp °C (min)   | -20              |
| Storage Temp °C (max)   | 60               |
| IP Class                | IP65             |
| Chemical Resistance     | Not Specified    |
| Flame Resistance        | Not Specified    |
| Mechanical Resistance   | Not Specified    |
| Attachment Method       | Sticker          |
| Compliance              | RoHs & Reach, CE |

VARIANTS AND ICS

| ID             | Variant     | Band | Type                  | ISO                           |
|----------------|-------------|------|-----------------------|-------------------------------|
| 3009-01-152-00 | 20x20x1.2mm | LF   | EM4200/Unique         | ISO/IEC 11784/85 Compatible   |
| 3009-01-113-00 | 20x20x1.2mm | LF   | HITAG S 2048          | ISO/IEC 11784 & 11785 & 14223 |
| 3009-01-260-00 | 20x20x1.2mm | HF   | ICODE SLIX            | ISO/IEC 15693 & 18000-3       |
| 3009-01-206-00 | 20x20x1.2mm | HF   | MIFARE Classic EV1 1K | ISO/IEC 14443A & 18000-3      |

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