



# Datasheet

## FUJITSU RFID and Sensor Solution RFID Integrated Label



Take control over aerospace part identification by creating your own ATA Spec 2000 Chapter9-compliant RFID, bar code and nameplate labels on demand

Fujitsu's RFID Integrated Label provides all the functionality and flexibility needed to create your own Spec 2000-compliant identification labels for aerospace parts. Using RFID smart label printer/encoder, you can produce product ID labels and nameplates exactly when you need them with exactly the data you want to include. The labels support RFID, bar code and text, can be used on metal and non-metal materials, come in a variety of different sizes and offer different memory options up to 8KByte to support single record, dual record and multiple record encoding needs.

With the RFID Integrated Label, you don't have to order pre-printed, pre-encoding labels and can keep them in stock. You can create exactly whatever and whenever you need it, in compliance with ATA SPEC 2000 Chapter9<sup>\*1</sup>, SAE AS5678<sup>\*2</sup>, and GS1 EPCglobal Class1 Generation2<sup>\*3</sup> standards that are used throughout the aerospace industry.

### High performance On or Off metal

Unlike most RFID labels on the market, the RFID Integrated Label provides outstanding performance when it is attached to a metal object. That performance is essential in MRO and other aerospace operations where the environment is filled with metal parts, tools and composite materials. The RFID Integrated Label provides highly accurate, reliable reads with approximately 1.5 meters.

### Tough but flexible

The RFID Integrated Label is less than 2mm thick and flexible so that it can be applied to a variety of objects regardless of their surface profile. The label material is made from non-flammable silicone rubber that can withstand temperatures up to 150°C (302°F). The material meets SAE AS5678 testing requirements and is suitable for lifetime identification of flyable parts.

### Versatile for different item and data needs

The RFID Integrated Label is available in three physical sizes, each with two memory options, to efficiently meet all kinds of item identification needs. Up to 8KBytes of RFID user memory is available, which is more than enough to meet multi-record data encoding requirements. The material also produces high-quality bar codes, text and graphics for creating labels that will stay legible and look professional throughout their lifetime.

### Developed for aerospace identification

Fujitsu has delivered thousands of RFID tags to airframers, MROs and other organizations throughout the aerospace industry value chain. We understand the technical and business requirements for aerospace part and component labeling. The RFID Integrated Label was created specifically to meet ATA SPEC 2000 item identification requirements and to give users the flexibility to quickly and conveniently create quality, long-lasting labels in-house.



