



## RFID Integrated Air Label

[www.bradyeurope.com/RFID](http://www.bradyeurope.com/RFID)

Efficient  
traceability  
for non-  
metal aircraft  
components

The self-adhesive RFID Integrated Air Labels provide a robust, easy to use and reliable solution for durable data management and non-metal component history visibility. They are ultra-thin and can easily be applied to non-metal components, seat covers, oxygen masks, life vests or medical supplies. With an excellent read range of up to 8 metres, RFID Air Labels can provide easy to consult maintenance histories that travel along with every non-metal aircraft component.

### Create digital birth records

- Print and program the RFID integrated label on-site in less than 10 seconds
- Compliant with the latest ATA Spec 2000
- Compliant, customisable and user friendly software

### Ease of use

- Easily attach to flat and curved non-metal components
- Ultra-light weight (<1g), ultra-thin (0.23mm)
- 3 sizes available in low memory
- Up to 8 meter read range

### Complete history attached to every component

- Easily gain insight in component origin and history
- Update component history with the RFID scanner
- Rely on extreme label durability for cradle to grave traceability

The RFID Integrated Air Label can be delivered according to specifications, or can be supplied as a component of Brady's SmartID Solution, which includes a high quality RFID print and program system and ATA Spec 2000 compliant software to simplify and automate traceability processes in aerospace industries.



# B-1100 RFID Integrated Air Label



Technical Specifications	Low Memory 2kB - Dual-record
Reserved Bank	32-bit Kill Password and 32-bit Access Password
EPC Bank	Up to 496-bit EPC identifier
TID Bank	256 bits
User Memory	2,000 bits total

Attribute	Brady B-1100 Series
Print Technology	Thermal transfer print
Recommended Ribbon	Brady Series R6400
Material Type	White PVF film: Face Sheet
Adhesive	Acrylic-Rubber Hybrid
Shelf life	2 years
Dimensions	Large 101,6 mm x 50,8 mm
	Medium 101,6 mm x 25,4 mm
	Small 50,8 mm x 12,7 mm
Read Range	Large – 8m*
	Medium – 8m*
	Small – 4m*
Overall Thickness	0,23 mm
Weight	< 1.5g
Operating Temperature	-40°C to 85°C
Minimum Application Temperature	-18° C
Installation Areas	Pressurized & Non-pressurized
Air Interface	Fully passive; EPCglobal Class 1 Gen2: ISO 18000-6C
Operating Frequency	840 – 960 MHz
Memory Availability	Dual Memory
Certifications and Standards	ATA Spec 2000 Ch 9 Rev 2016.1, SAE AS5678 2006-12, ROHS 2011/65/EU

\* Results dependent on conditions used for testing, actual performance will vary depending on environment and substrate composition. See Technical Data Sheet for additional Information.

## RFID Integrated Air Label Order References

Catalog-Number	Description	Size
RFID-THT-2K-101.6x50.8-1100-.5	Large RFID Air label	101,6 mm x 50,8 mm
RFID-THT-2K-101.6x25.4-1100-.5	Medium RFID Air label	101,6 mm x 25,4 mm
RFID-THT-2K-50.8x12.7-1100-.5	Small RFID Air label	50,8 mm x 12,7 mm

### BRADY EMEA Locations

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Denmark	+45 66 14 44 00	Russia	+7 495 225 93 62
France	+33 (0) 3 20 76 94 48	Spain & Portugal	+34 900 902 993
Germany	+49 (0) 6103 7598 660	Sweden	+46 (0) 8 590 057 30
Hungary	+36 23 500 275	Turkey	+90 212 264 02 20
Italy	+39 02 26 00 00 22	UK & Ireland	+44 (0) 1295 228 288

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