

RFID Integrated Flag Label



Efficient traceability for metal and non-metal aircraft components

Brady's Flag label is an integrated RFID label with specialty adhesive technology, making it an ideal identification solution for both on-metal as well non-metal aerospace applications.

The Flag Label has a unique design that allows for mounting on wires, cables, boxes and other surfaces where standard labels may not fit or perform. The offset design maximizes read range in open air, while the label folds over itself to maintain protection on rugged aerospace-compliant materials.

With an excellent read range of up to 4 meters, RFID Flag Labels can provide easy to consult maintenance histories that travel along with every metal and 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, customizable and user friendly software

▶ Ease of use

- Unique design, easily attach to wires, cables, boxes, bottles and other specific surfaces
- Ultra-light weight (<1.5g), ultra-thin (0.23mm)
- Up to 4 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 Flag 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 Flag 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	4.0 x 2.0 in (101.6 x 50.8 mm)
Read Range	13.1 ft (4 m)*
Overall Thickness	0.009 in (0.23 mm)
Weight	0.05 oz (< 1.5 g)
Operating Temperature	-40°F to 185°F (-40°C to 85°C)
Minimum Application Temperature	-0.4° F (-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 Flag Label Order References

Catalog-Number	Description	Size
AIR TAG-B-1100-FLAG	RFID Flag Label	4.0 x 2.0 in (101.6 x 50.8 mm)

 **For more information, visit
BradySmartID.com**

USA
Customer Service: 1-888-272-3946
Inside Sales: 1-888-311-0775
BradyID.com

Canada
Customer Service: 1-800-263-6179
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Mexico
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