Omni-ID°

Omni-ID® Flex 1200

Omni-ID Flex 1200 is a low profile, flexible, cost effective RFID tag with superior RF performance. Supplied with an overlaminate surface for increased durability, the Flex 1200 is designed specifically for applications demanding read ranges up to 12 meters.

Applications

With its flexibility and consistent RF performance, the Flex 1200 is ideally suited to applications such as:

- Office equipment
- Light outdoor use
- Portals

Physical Specifications

Coverstock	White synthetic label with transparent over laminate
Size (mm)	95 x 25 x 3.8
Size (in)	3.74 x .98 x 0.15
Weight (g)	3.8



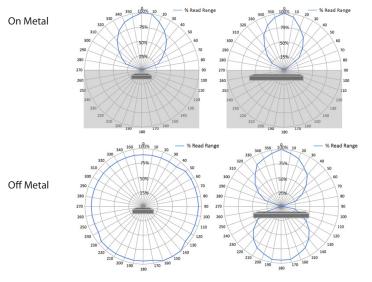
RF Specifications

Protocol	EPC Class 1 Gen2V2
Frequency Range (MHz)	902 - 928 (US), 866 - 868 (EU)
Read Range (Fixed reader) ¹ On metal	Up to 12.0m
Read Range (Handheld reader) ¹ On metal	Up to 6.0m
Material Compatibility	Optimized for Metal
IC Type (chip)	Impinj Monza R6-P
Memory ²	EPC - 128(96)bits User - 32(64)bits UTID - 48bits

1. Quoted performance achieved using standard testing methodology. Read range will vary with reader hardware and output power.

2. EPC and User memory are reprogrammable, UTID is locked at point of manufacture.

Radiation Patterns



Dimensions stated in mm

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Related Products and Services

- Omni-ID IQ 600 Ultrathin label providing on metal tag functionality, low cost and hassle free deployment.
- Omni-ID Flex 400- Small form factor, global RFID tag ideal for IT asset managment applications.
- Omni-ID Flex 600 Flexible, cost effective tag, ideal for office equipment and portal setups.
- Service Bureau Omni-ID offers a full service bureau for printing and pre-encoding Omni-ID tags at point of manufacture.



Environmental Specifications

Storage Temperature	−40 ° to +85 °C
Operation Temperature	−40 ° to +85 °C
Survivability	−40 ° to +85 °C
IP Rating	IP68
Shock and Vibration	MIL STD 810-G
Attachment	Film adhesive (std)
Certifications	RoHS approved CE approved ATEX/IECEx certified (option) US&Canada (C1D1/D2) certified (option)
Warranty	1 year

1. Excludes adhesive options, consult adhesive data sheets for recommended temperature ratings.

Ordering Information

Order code

151 - EU, US

Order options

:303 (Customization) :304 (ATEX/IECEx certified) :307 (US&Canada (C1D1/D2) certified)

Omni-ID office locations: US | UK | China | India | Germany For product or technology inquiries email: sales@omni-id.com