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Flex 600

Omni-ID Flex 600 is a low profile, small form factor RFID tag designed specifically for attachment to office equipment. With its superior RF performance, this tag excels in portal applications expanding the read range to up to 9 meters. In addition, the Flex 600 tag is well suited to indoor applications where a low cost option is needed.

Applications

With a small footprint and consistent RF performance, the Flex 600 is ideally suited to applications such as:

- Office equipment
- Portals
- Light outdoor use

Dimensions



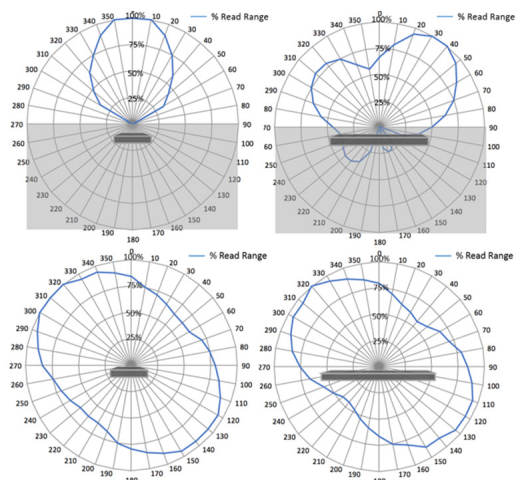
Measurements shown in mm

Physical Specifications

Material	White synthetic label with transparent over laminate
Size	55.8 x 20.0 x 2.50 mm 2.20 x 0.79 x 0.10 in
Weight (g)	0.85
Attachment	Film Adhesive (std)

Product dimensions shown above are the maximum. Batch to batch variation could be within 5%. Unspliced sections will be within 0.2mm tolerance.

Radiation Patterns



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Environmental Specifications

Operating Temperature	-40°C to +85°C
Survivability	-40°C to +85°C
IP Rating	IP68
Shock & Vibration Tolerance	MIL-STD-810 G

Certifications

CE, RoHS, ATEX/IECEX certified (option), US&Canada (C1D1/D2) certified (option)



Operational Specifications

Radio Protocol	EPC Class 1 Gen2v2
Frequency Range	866 – 868 MHz (EU) 902 – 928 MHz (US)
Read Range – Fixed Reader	Up to 6m (on metal)
Read Range – Handheld Reader	Up to 3m
Material Compatibility	Metal
IC Type (Chip)	Monza R6-P
Memory	EPC - 128 bits User - 32 bits Unique TID - 48 bits

Quoted performance achieved using standard testing methodology on Aluminium test plates. Read range is dependent on multiple factors such as; RFID reader transmit power and receiver sensitivity, asset material and environment. Please see the Omni-ID On Metal Labels User Guide for more detail.
2 EPC and User memory are reprogrammable. UTID is locked at point of manufacture by IC manufacturer.

Ordering Information

Warranty	1 Year
Product Options	303 (Customization) 304 (ATEX/IECEX certified) 307 (US&Canada (C1D1/D2) certified) :536 (Textured surface adhesive)
Part Number / Order Codes / Order Numbers	149
Supply Format	1000 tags
Minimum Order Quantity	1 Roll 1000 tags

For product or technology inquiries email: sales@omni-id.com.
Visit omni-id.com to learn more about the complete line of **Omni-ID RFID** products