

## [ Products ] you can identify with



### 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



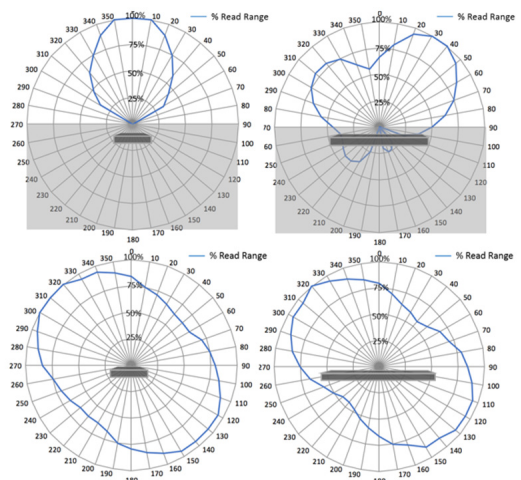
Measurements shown in mm

#### Physical Specifications

<b>Material</b>	White synthetic label with transparent over laminate
<b>Size</b>	55.8 x 20.0 x 2.50 mm 2.20 x 0.79 x 0.10 in
<b>Weight (g)</b>	0.85
<b>Attachment</b>	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

<b>Operating Temperature</b>	-40°C to +85°C
<b>Survivability</b>	-40°C to +85°C
<b>IP Rating</b>	IP68
<b>Shock &amp; Vibration Tolerance</b>	MIL-STD-810 G

### Certifications

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



### Operational Specifications

<b>Radio Protocol</b>	EPC Class 1 Gen2v2
<b>Frequency Range</b>	866 – 868 MHz (EU) 902 – 928 MHz (US)
<b>Read Range – Fixed Reader</b>	Up to 6m (on metal)
<b>Read Range – Handheld Reader</b>	Up to 3m
<b>Material Compatibility</b>	Metal
<b>IC Type (Chip)</b>	Monza R6-P
<b>Memory</b>	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

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

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