[**Products**] you can **id**entify with
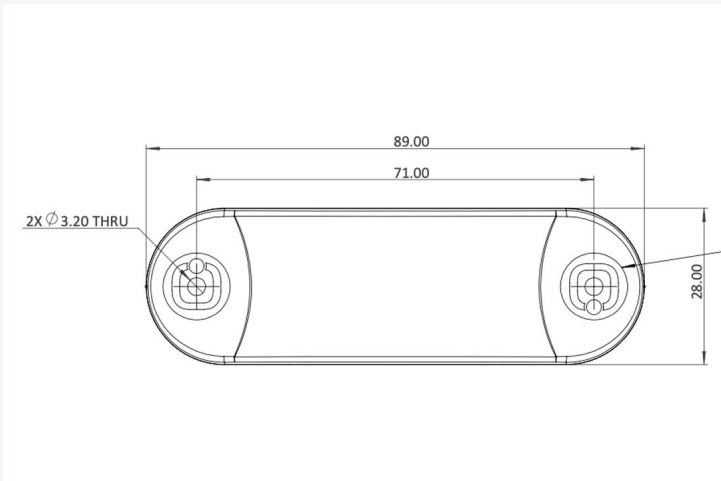

Flex 1000 Shell +

The Flex 1000 Shell + adds a hard, clear case lower and upper to fully encase our Flex label tag to provide medium level protection from knocks, liquid spillage or other environmental factors. The transparent case is an ideal way to protect printed information on the label whilst still making it readable by the human eye and without any impact on the read performance. The label itself is a low profile, small form factor RFID tag designed specifically for attachment to office equipment, IT assets or RTI's. With its superior RF performance, this tag excels in portal applications where the read range can be expanded by upto 25%.

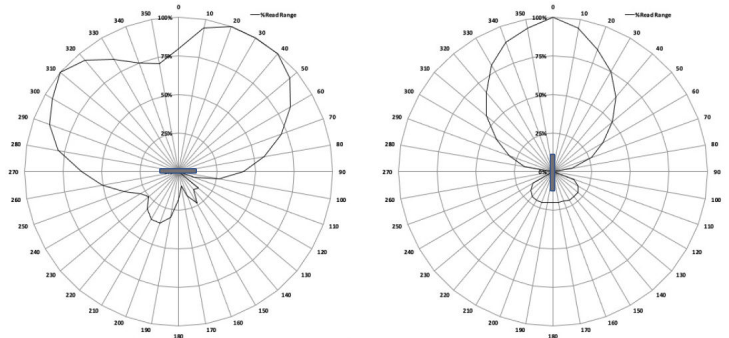| Physical Specifications	
Material	White synthetic label encased
Size	89 x 28 x 8.3 mm, 3.5 x 1.10 x 0.32 in
Weight (g)	US 11.98 EU 12.05
Attachment	Mechanical (std), foam adhesive (optional), thin film adhesive (optional)

Dimensions

Measurements shown in mm

RF Specifications	
Radio Protocol	EPC Class 1 Gen2v2
Frequency Range	866 – 868 MHz (EU) 902 – 928 MHz (US)
Read Range – Fixed Reader	Up to 5.6m (18.37 feet)
Read Range – Handheld Reader	Up to 4.5m (14.7 feet)
On Metal or Balanced	Optimized for metal
Material Compatibility	Metal
IC Type (Chip)	U-Code8
Memory	EPC - 128 bits User - 0 Unique TID - 48 bits

EPC and User memory are reprogrammable. UTID is locked at point of manufacture by IC manufacturer.

Radiation Patterns

[**Products**] you can **id**entify with

The Flex 1000 Shell + is ideally suited to applications such as:

- Office equipment
- Portals & Returnable Transit Items (RTI)
- Light outdoor use

Certifications

CE RoHS

Environmental Specifications	
Operating Temperature	−30°C to +65°C
IP Rating	IP68
Impact	1KG

Ordering Information	
Warranty	1 year
Part Number / Order Codes / Order Numbers	US CP14534
	EU CP14531

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

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