

# MICRO

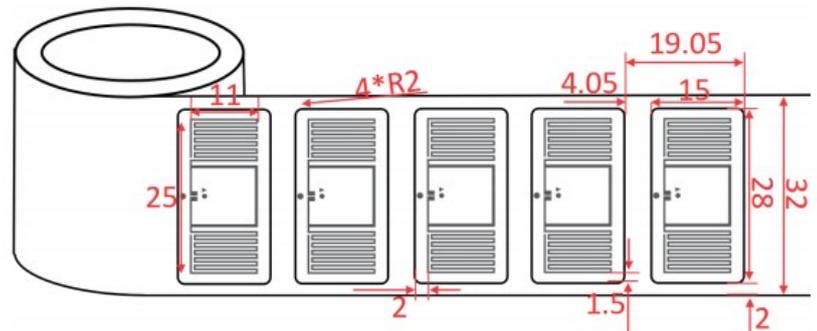
## UHF Label 28\*15mm

Micro is a UHF label specially designed to be used in tracking cosmetics, eye-wear frames or other non-metallic small assets in indoor environment.

It comes with standard molten adhesive that can be used on different surfaces.

Logo or text can be printed on top of the tag.

It can be custom produced in different sizes as per customer requirement.



**100% read-tested tags with industry best NXP UCode U9 chip. These tags can be customized with customer branding using digital printing.**

## RECOMMENDED APPLICATIONS

### Cosmetics item-level tagging

Micro is an excellent low-cost designed tag to be easily applied on cosmetic articles. It comes in self-adhesive form for easy application. Through RFID scanning, information can be received quickly and from a safe distance. WL51U is the optimal solution for your cosmetics/asset management application.



### Other Applications:

Inventory management, logistics.

# Specifications

Part no.:	WL51U
Operating Frequency :	840-960 MHz (GLOBAL)
Operating Mode :	Passive (battery-less transponder)
Read Range :	up to 3m*
Protocol :	ISO/IEC 18000-6C
Chip Type :	NXP UCode U9 EPC Class 1 Gen 2
Memory :	EPC 96 bits TID 48 bit unique User Memory 0 bits
Data retention :	Up to 10 years
Dimensions :	28 x 15mm (Label) 25 x 11mm (Antenna) (Other die-cut sizes available on request)
Core Dia :	3 inch
Material :	Coated Paper with thin film adhesive
Ingress Protection :	IP54
Operating Temp. :	-10°C to +55°C
Storage Temp. :	-10°C to +45°C
Colors :	White
Quality assurance :	100% read-tested
Optional services :	Logo Printing and Encoding

## Dimension Deviations:

No.	Item	Parameters mm
1	Inlay Length	11±0.5
2	Inlay Width	25±0.5
3	Inlay right to label right	2±0.5
4	Inlay left to label left	2±0.5
5	Label Length	15±1.0
6	Label Width	28±1.0
7	Label Corner Radius	1±0.5
8	Label Edge to Liner Edge (Top)	2±0.5
9	Label Edge to Liner Edge (Bottom)	2±0.5
10	Label Pitch	19.05±1.0
11	Label Gap	4.05±0.5
12	Liner Width	32±1.0
13	Core ID	76±0.5
14	Inlay Top to Label Top	1.5±0.5
15	Inlay Edge to Label Edge (Bottom)	1.5±0.5

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