



**PRODUCT DATASHEET**  
RFID ANTI-COUNTERFEIT LABEL

APPLICATIONS: ANTI-COUNTERFEIT IN LIQUOR AND PHARMACEUTICAL INDUSTRY; VEHICLE WINDSHIELD TAMPER-EVIDENT LABEL AND OTHER ONE-TIME APPLICATIONS.

In the past decades,UBIQUE TAG team keep improving the traditional manufacturing techniques for RFID AL etching label. We break through all technical barriers and now hornorly present this innovative RFID brittle label globally.This newly invented label ,with its low cost and high quality, are 100% for high-class one-time use and impossible for reuse

**Product dimentions**

Antenna size	R24mm
Die-cut size	45mmx27mm
Vertical gap <sub>(antenna)</sub>	10mm
Lateral gap <sub>(antenna)</sub>	10mm
Inlay roll width	50mm

**Electrical specifications**

IC	FM11RF08 (NXP Mifare 1K compatible)
Frequency	13.56 MHz
Protocol	ISO 14443
Memory	1K byte

**Delivery information**

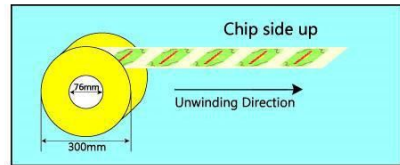
Surface Material	Brittle paper
Inner core size	76mm (3 inch)
Quantity per roll	5000 pcs ( Label )
Unwinding	Chip side up
Quality	100% tested,NG replaced

**Environment**

Operation	-40°C to 85°C
Storage	-5°C to 30°C
Data Retention	Write: ≤10 times Read: ≤100 times

**Physical Characteristics**

Label thickness	60um
Tensile strength	Equipment direction 258N/25mm Lateral direction 128N/25mm
Tearing strength	Equipment direction 58g



UBIQUE TAG customizes RFID anti-counterfeit label according to different applications,including different printings on label surface and RFID antenna designs.

Surface Material	Brittle paper			
Surface Printing	Fluorescent ink	Temperature variable ink	Latent image	Barcode
	Photosensitive ink	Security line	DHIT	2D barcode
	Infra-red ink	Microprinting	Iridescent printing	

