



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,UBIQUETAG team keep improving the traditional manufacturing techniques for RFID AL etching label. We break through all technical barriers and now honorably 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	27mm x 17mm
Die-cut size	32mm x 20mm
Vertical gap _(antenna)	12mm
Lateral gap _(antenna)	10mm
Inlay roll width	39mm

Electrical specifications

IC	NXP G2XM or ALIEN HIGGS 3 / 4		
Frequency	860-960 MHz		
Protocol	ISO 18000-6C EPC CLASS 1 GEN2		
Memory	G2XM	H3	H4
	USER : 512bit	512bit	128bit
	E P C : 240bit	96bit	128bit
	T I D : 64bit	64bit	64bit
Reading distance	1m (portable reader)		

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

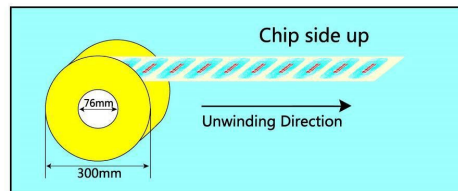
Environment

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



UBIQUETAG 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	

