



Label surface



Label antenna on the back

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 homorly 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	23mm x 11mm
Die-cut size	25mm x 1.3mm
Vertical gap _(antenna)	7mm
Lateral gap _(antenna)	7mm
Inlay roll width	18mm

Electrical specifications

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

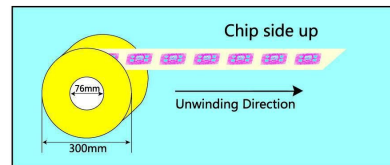
Environment

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



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

