

## Overview

### Frequency Band

NFC 13.56MHz



### Chip

NTAG 213TT

This tag employs the NTAG 213TT chip, specifically designed for short-range wireless communication.

### Antenna Dimensions

119.6X21mm/4.71X0.827inch

Tamper-proof detection: An internal tamper detection circuit is built-in. If the label is illegally detached or physically damaged, the chip will permanently record the tampering event and provide feedback through NDEF data or dedicated commands to prevent the label from being transferred or reused.

### International Standard

ISO/IEC 14443A

Featuring 144 bytes of user memory, it supports NDEF data formats for storing URL, Support the writing of an unalterable digital signature during the initialization stage, which can be used to verify the legitimacy of the label and enhance the brand anti-counterfeiting capability.

### Applications

Wine

Product Authentication

### Technical Features

Model	OS21820	OS233906
Delivery Format	Dry Inlay	Label
Memory	180 Bytes	180 Bytes
User Memory	144 Bytes	144 Bytes
Die-cut Dimension	-	128.1*28mm
Inlay Substrate	50um PET	50um PET
Standard Pitch	33.338mm	33.338mm
Web Width	140mm	140mm
Core Size	76.2mm/3inch	76.2mm/3inch
Quantity / Reel	10000 ± 300Pcs/Reel	2500 ± 2Pcs/Reel
Operating Temperature	-20℃ to +50℃ (20% to 80%RH)	
Remarks	Other size can be customized.	