

NFC Sticker

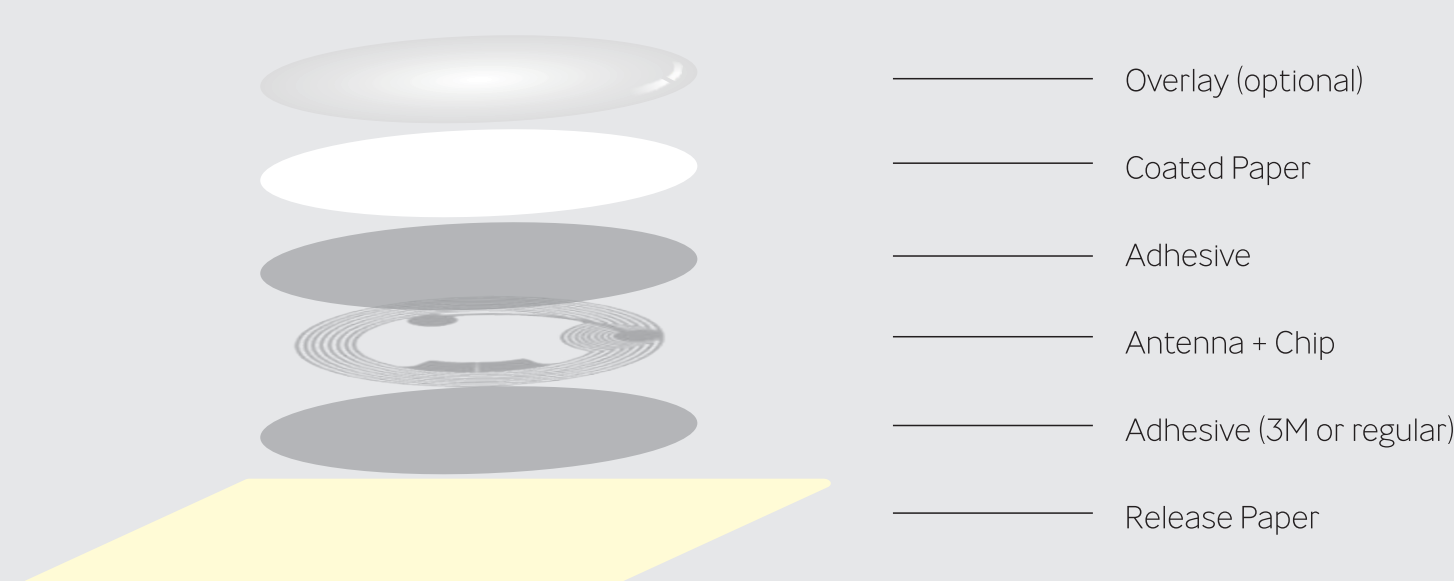
NFC sticker is a paper or plastic label with NFC inlay embedded inside, it's normally used for payment, access control, anti-counterfeiting, etc.



NFC sticker could be detected by an NFC smart phone, so it's now widely applied for anti-counterfeiting in luxury industries.

Structure

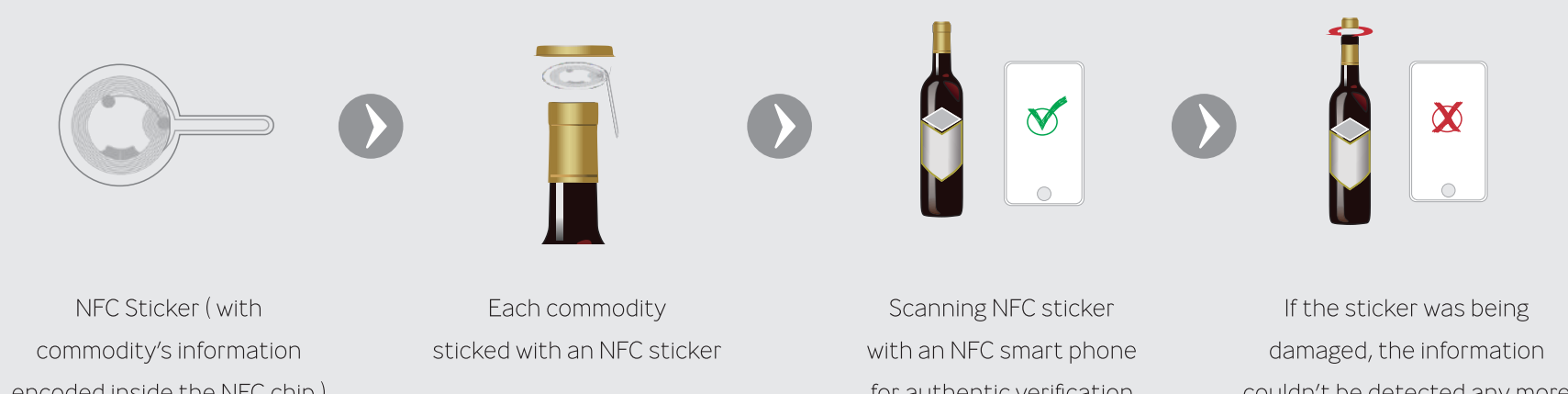
5 layers



NFC sticker without the printing surface is called NFC inlay. We provides both dry inlay and wet inlay for NFC inlay.

How does NFC sticker work?

NFC anti-counterfeiting sticker for example



What's the difference between NFC and RFID?

	NFC	RFID (HF)
Speciality	NDEF format	3 protocols
Reading range	Around 5 cm	Up to 1 meter (ISO 15693)
Anti-collision	N/A	Yes (ISO 15693)
P2P mode	Yes	N/A
Working mode	Information interaction	Passive
Content	Surface Printing	Printing & Encoding
Application	Access control, payment, etc.	Identification, tracking, security, etc.

Available printing method;

Direct thermal printing -- thermal paper, thermal synthetic paper

Thermal transfer printing -- all types of material

Inkjet printing -- all types of material

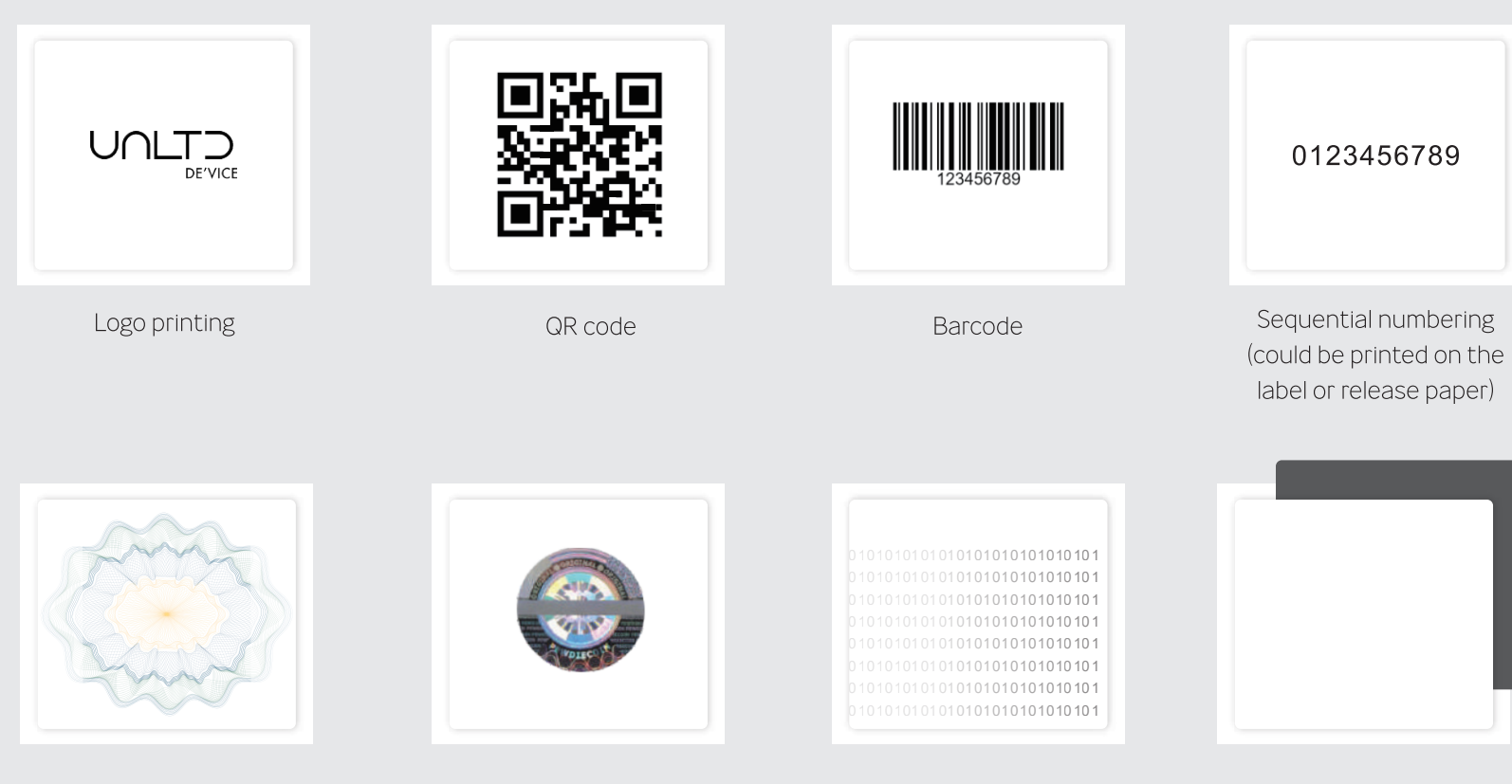
Inkjet numbering -- PET only

Laser printing -- all types of material expect coated paper and thermal paper

Offset printing -- all materials, for printing logo and common information

Silkscreen printing -- all materials, for printing logo and common information

What crafts we can make for RFID label?



What's special?

Customized antenna (we can make the shape of the antenna as per your request)

3M adhesive available upon request

Parameter

Product Name	NFC Sticker
Material	Coated paper, synthetic paper, thermal paper, thermal synthetic paper, PVC, PET
Size	30*30 mm, 35*35 mm, dia 30mm or customized
Thickness	0.3 mm, or customized
Temperature /Humidity for label attaching	10°C to +40°C 20% to 80% RH
Temperature /Humidity after label attaching	-20°C to +50°C 20% to 80% RH (environmental requirements of adhesive may vary on different materials)
Data Retention	10 years
Shelf Life	From the date of manufacture, 1 year at 23±5°C, 50%±10% RH Unsealed in the vacuum bag and avoid direct sunlight exposure
Handling Precautions	Keep away from water and collision. DO NOT BEND.
Packing Details	1. Packed in Roll 2. Vacuumed packing in ESD bag P.S. : individual packing is also available upon request (LF label can be packed individually only)
Special Handling	Cartons are all sealed

Disclaimer: Our recommendations are based on our latest knowledge and experience; we reserve all rights for further explanation.