

The NFC (near field communication) tag is made up of an antenna and a small passive IC chip usually on a PET substrate with an adhesive backing; no power source required. Tags have a lifespan of 10 plus years.

Tags come in different capacities up to 1000 bytes. The tags are one-time programmable or rewriteable with the ability to lock.

The tag is activated when you hold your smartphone in close proximity – about ¾”.

What information or actions can a tag transfer?

- Up to 1000 alpha numeric characters
- Open a website (URL)
- Transfer a business card
- Create a new E-mail
- Launch an application
- Send a text
- Dial a telephone number
- Create a Bluetooth connection
- Create a WiFi connection
- Load a geo location

Compatible smartphones:

- iPhone XR, XS, XS max and newer
- Phone 6 through iPhone X, but require an app
- Most Android smartphones

Advantages over QR codes:

- QR codes are optical and need you to open an app to use.
- If a QR code is scratched or dirty it is difficult to read.
- NFC tags are available in various sizes, shapes and memory.

DuraTech's value proposition:

- DuraTech can print overlays and apply correct adhesive for the required installation.
- Low to high volume tag programming including logical variable data
- Sophisticated high speed tag validation
- Sequential tag programming and validation (Match the printed information with the programmed information. E.g.: printed table numbers on the front need to match what is programmed).

