

SPEC SHEET · TAPTECH TAG

TapTech On-metal sticker

An adhesive sticker with a barrier layer, so a metal surface does not stop the read. Printed and water resistant.

STOCK LEAD TIME

4 weeks

CHIP

Standard or Advance



Specification

SIZE	23 to 50 mm; circle, square or rectangle
THICKNESS	0.32 mm; 0.75 mm at the chip (29 mm circle)
MATERIAL	Printed face, ferrite barrier layer
ADHESIVE	3M 467 for metal, glass and hard plastics; 3M 9080 for paper, board and low-energy plastics
READ RANGE	21 to 25 mm on metal
SURFACES	Metal and non-metal
WATER	Water resistant
OPERATING TEMP.	-15 °C to 60 °C
SUPPLIED AS	Single units

Print

BLEED

3 mm past the trim on every printed edge

SAFE AREA

Text and logos at least 2 mm inside the trim

PRINT

Full colour

FINISH

Gloss, smooth matt or crystal matt

UNIQUE ID OR QR

Available

Chip options

STANDARD

NXP NTAG213

144 bytes · authenticates the tag

ADVANCE

NXP NTAG424 DNA

416 bytes · encrypted, per-tap authentication

Chip data sheets:
docs.departmnt.xyz/explore/downloads

Durability

SUPPLIER RATING

100,000 taps and 50 years

ADHESIVE

Long-ageing, UV-resistant acrylic

Good to know

The barrier side goes on the metal, the printed side faces the phone.

Thicker than a standard sticker and reads closer: the phone has to be put to it deliberately.

Only where the surface is metal. On glass or card a sticker sheet reads better and costs less.

Artwork

Vector PDF, AI or EPS. Images at least 200 dpi at print size.

CMYK, with a Pantone reference for brand colours. Fonts outlined.

Unique QR codes or IDs: place a sample, and send the data as a spreadsheet.

Start from this format's die-line. Every order is proofed before production.

Die-line and guidelines: docs.departmnt.xyz/explore/ordering-tags