

SPEC SHEET · TAPTECH TAG

# TapTech Garment tag

A woven tag or a disc, built into clothing at manufacture: seams, hems, waistbands, the care label position, bags.

STOCK LEAD TIME

1 week

CHIP

Standard or Advance



## Specification

|                 |                                                                 |
|-----------------|-----------------------------------------------------------------|
| WOVEN TAG       | Made to size. At least 30 mm for a good tap                     |
| DISC            | 25 mm or 29 mm circle, epoxy bonded                             |
| THICKNESS       | Disc 0.32 to 0.48 mm; 0.75 mm at the chip                       |
| FIXING          | Woven: sewn or iron-on. Disc: sewn in, bonded or behind a patch |
| READ RANGE      | Disc: 31 to 50 mm                                               |
| SURFACES        | Fabric. Not for metal                                           |
| WATER           | Waterproof. Wash tested                                         |
| OPERATING TEMP. | -20 °C to 70 °C (29 mm disc)                                    |
| SUPPLIED AS     | Woven: single units. Disc: reels                                |

## Print

WOVEN TAG

Woven in one or two colours, heat-cut edge

DISC

Unprinted; it sits inside the garment

UNIQUE ID OR QR

Available

BLEED

None on a woven tag

SAFE AREA

2 mm inside the edge **DRAFT**

## Chip options

STANDARD

**NXP NTAG213**

144 bytes · authenticates the tag

ADVANCE

**NXP NTAG424 DNA**

416 bytes · encrypted, per-tag authentication

Chip data sheets:  
[docs.departmnt.xyz/explore/downloads](https://docs.departmnt.xyz/explore/downloads)

## Durability

SUPPLIER RATING

100,000 taps and 50 years

DISC

Tested to 100 domestic washes

WOVEN TAG

Several washes. For the moment of sale and early use, not long-term authentication

## Good to know

Choose the disc for anything that must survive the life of the garment.

It belongs in the garment at manufacture. Retrofitting finished stock is hand work.

## 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](https://docs.departmnt.xyz/explore/ordering-tags)