# GAT Chip Band 65 F MIFARE™ Data Carrier

## **Application**

The wristband GAT Chip Band 65 F is a MIFARE<sup>™</sup> data carrier for read/ write range up to 50 mm, depending of the antenna of the read/write station. The data carrier is ideal for applications such as persons identification, electronic authorisation control as well as cashless payment transactions (electronic purse). Examples for applications are public baths, sport events, electronic purse, locker locks etc..

Due to the high temperature resistance and waterproof design (data carrier cap is ultrasonic-welded with the data carrier housing) the wristband can be used also in sauna installations and steam baths.

## **Functional description**

Each GAT Chip Band 65 F has a unique number. Reading and writing of the data on the GAT Chip Band 65 F is performed contactless via RF field of a read/write antenna. The information on the data carrier is saved in a nonvolatile memory (no battery necessary).

The GAT Chip Band 65 F is available with band colours blue, red, black and yellow and with different chip housing colours (combinations see order information). The wristband is completely waterproof. Due to the highly flexible polyurethane material of the wristband it perfectly fits to the ergonomic structure of the wrist joint and therefore gives an absolutely neutral wearing comfort.

The data carrier cap is printable. There are almost no limitations to the printing possibilities (digital, offset or silk-screen printing is possible). Printing is done under laminate, which protects the print from scratches or abrasion. Personalization is possible as well.

#### **Highlights**

- · Contactless reading and writing
- No battery required
- Robust plastic housing
- Wide variety of applications
- Also usable in saunas and steam baths (on wristlet)

• Available in different sizes and colours

| Order information                                               |         |
|-----------------------------------------------------------------|---------|
| Designation                                                     | PartNo. |
| GAT Chip Band 65 F BWBBK                                        | 493129  |
| GAT Chip Band 65 F BWBBK cod                                    | 493028  |
| Blue/white data carrier, blue band, ${\sf I}=22$ cm, (un-)coded |         |
| GAT Chip Band 65 F BWBBE                                        | 492936  |
| GAT Chip Band 65 F BWBBE cod                                    | 492835  |
| Blue/white data carrier, blue band, ${\rm I}=25$ cm, (un-)coded |         |
| GAT Chip Band 65 F BWYYK                                        | _       |
| •                                                               | _       |
| GAT Chip Band 65 F BWYYK cod                                    | -       |
| Blue/white data carrier, yellow band, $I = 22$ cm, (un-)coded   |         |
|                                                                 |         |



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Available in different colours, see order information

# **Order information**

| Designation                                                                                                             | PartNo.          |
|-------------------------------------------------------------------------------------------------------------------------|------------------|
| GAT Chip Band 65 F BWYYE<br>GAT Chip Band 65 F BWYYE cod<br>Blue/white data carrier, yellow band, I = 25 cm, (un-)coded | 560225<br>560124 |
| GAT Chip Band 65 F RWRRK<br>GAT Chip Band 65 F RWRRK cod<br>Red/white data carrier, red band, I = 22 cm, (un-)coded     | 493432<br>493331 |
| GAT Chip Band 65 F RWRRE<br>GAT Chip Band 65 F RWRRE cod<br>Red/white data carrier, red band, I = 25 cm, (un-)coded     | 493230<br>494130 |
| GAT Chip Band 65 F RWYYK<br>GAT Chip Band 65 F RWYYK cod<br>Red/white data carrier, yellow band, I = 22 cm, (un-)coded  | 493836<br>493735 |
| GAT Chip Band 65 F RWYYE<br>GAT Chip Band 65 F RWYYE cod<br>Red/white data carrier, yellow band, I = 25 cm, (un-)coded  | 493634<br>493533 |
| GAT Chip Band 65 F RWSSK<br>GAT Chip Band 65 F RWSSK cod<br>Red/white data carrier, black band, I = 22 cm, (un-)coded   | -                |
| GAT Chip Band 65 F RWSSE<br>GAT Chip Band 65 F RWSSE cod<br>Red/white data carrier, black band, I = 25 cm, (un-)coded   | -                |
| GAT Chip Band 65 F SWSSK<br>GAT Chip Band 65 F SWSSK cod<br>Black/white data carrier, black band, I = 22 cm, (un-)coded | -                |
| GAT Chip Band 65 F SWSSE<br>GAT Chip Band 65 F SWSSE cod<br>Black/white data carrier, black band, I = 25 cm, (un-)coded | 494029<br>493937 |

<u>Note:</u> Printing of the GAT Chip Band 65 F with customer logo is possible on request.

# www.gantner.com

# **Technical data**

#### Power supply:

Frequency:

Memory capacity:

- Read/write range with e.g. - Antenna GAT Access 6500:
- Locker lock GAT Lock 5020:
- Write cycles:
- Material
- Housing:
- Wristband: - Clasp:
- Spring bar:

Without battery, contactless via read/ write field 13.56 MHz (MIFARE<sup>™</sup>)

1 kByte EEPROM

- up to 40 mm up to 20 mm 100,000 guaranteed
- Novodur (ABS) Polyurethane Stainless steel (anti-allergic) Stainless steel

Colours: Printing:

Dimensions - Band length:

- Band width: - Data carrier cap:

Permitted ambient temperature: -20°C to +70°C

Protection type: Weight: Environment class based on VDS 2110:

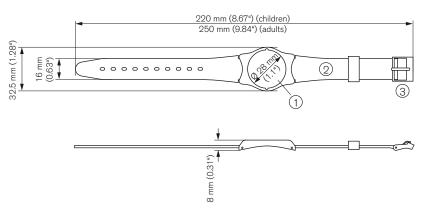
See order information Digital-, offset- or silk-screen printing, protected under laminate

220 and 250 mm (8.67 x 9.84 inch) 16 mm (0.63 inch) Ø 28 mm (printable size Ø 28 mm) Ø 1.1 inch (printable size Ø 1.1 inch) IP 68

Approx. 16 g

IV (conditions in outdoor areas, fully exposed to the weather)

#### Dimensions



- 1. Data carrier cap
  - (customer specific printing possible)
- 2. Wristband
- 3. Clasp made of stainless steel

### Typical application

