

GAT Chip Band 65 F MIFARE™ Data Carrier

Application

The wristband GAT Chip Band 65 F is a MIFARE™ 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.



Available in different colours, see order information

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, l = 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, l = 25 cm, (un-)coded	
GAT Chip Band 65 F BWYYK	-
GAT Chip Band 65 F BWYYK cod	-
Blue/white data carrier, yellow band, l = 22 cm, (un-)coded	

Order information

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

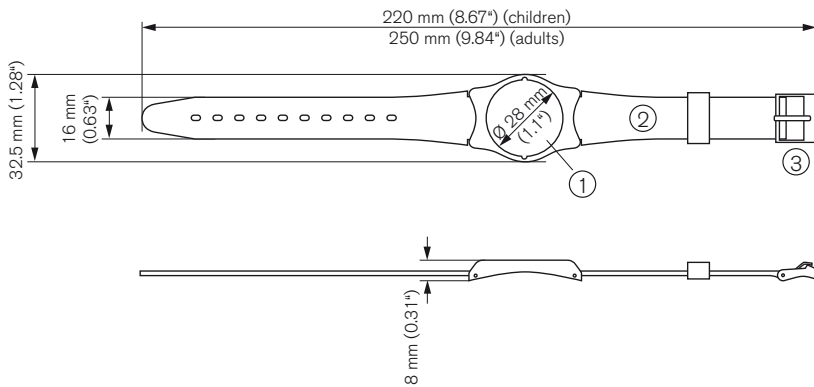
Note: Printing of the GAT Chip Band 65 F with customer logo is possible on request.

Technical data

Power supply:	Without battery, contactless via read/write field
Frequency:	13.56 MHz (MIFARE™)
Memory capacity:	1 kByte EEPROM
Read/write range with e.g.	
- Antenna GAT Access 6500:	up to 40 mm
- Locker lock GAT Lock 5020:	up to 20 mm
Write cycles:	100,000 guaranteed
Material	
- Housing:	Novodur (ABS)
- Wristband:	Polyurethane
- Clasp:	Stainless steel (anti-allergic)
- Spring bar:	Stainless steel

Colours:	See order information
Printing:	Digital-, offset- or silk-screen printing, protected under laminate
Dimensions	
- Band length:	220 and 250 mm (8.67 x 9.84 inch)
- Band width:	16 mm (0.63 inch)
- Data carrier cap:	Ø 28 mm (printable size Ø 28 mm) Ø 1.1 inch (printable size Ø 1.1 inch)
Permitted ambient temperature:	-20°C to +70°C
Protection type:	IP 68
Weight:	Approx. 16 g
Environment class based on VDS 2110:	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

