GAT Chip Band 20 F7
MIFARE® Wristband

Gantner technologies

Application

The GAT Chip Band 20 F7 silicone wristband is a MIFARE® data carrier with a read/write distance of up to 40 mm, depending on the read/write device's antenna capability. The data carrier is ideal for many applications such as personal identification, electronic authorisation control, and cashless payment transactions (electronic wallet, online only). Examples for applications include public baths/spas, fitness studios, leisure resorts and industry/trade applications.

Due to its high temperature resistance and waterproof design, the wristband is suited for use in swimming facilities, saunas and steam baths.

The GAT Chip Band 20 F7 verifiably does not contain any hazardous substances and is available in blue, green, red, black or yellow.

Available in different sizes and colours. Can be printed with a client-specific logo upon request, see order information

Functional description

Each GAT Chip Band 20 F7 has a unique number (7 byte) to provide specific user identification in a system. Reading and writing of data on the GAT Chip Band 20 F7 is performed via contactless technology and coded via the HF field of a read/write device. The information on the data carrier is stored securely in non-volatile memory (without battery power).

The GAT Chip Band 20 F7 is completely waterproof and is ideal for wearing on the wrist in facilities that provide water activities.

Hightlights

- Flexible material provides convenient and comfortable use
- Available in different sizes and colours
- Modern and robust design
- Shock, tear and water resistant
- Full functionality in saunas and steam baths
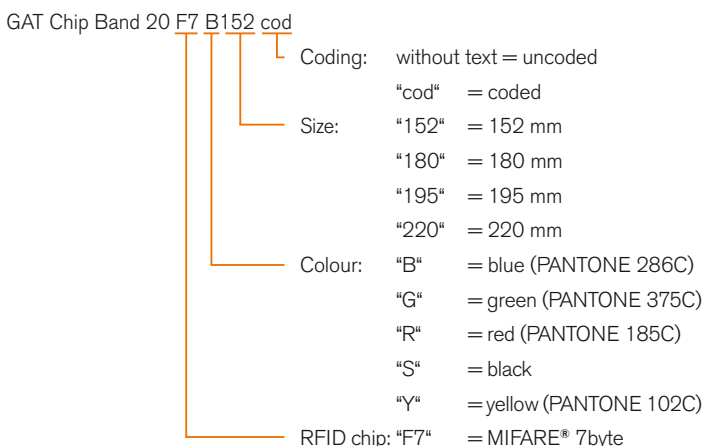
Order information

Description	PartNo.
GAT Chip Band 20 Siliconeprint	768235

Single colour, printed (burned-in) symbol on a GAT Chip Band 20 F7 (e.g. for client-specific logo).

<u>Note:</u> After lengthy use in an abrasive environment, the print quality of the symbol on the silicone armband can become affected and begin to wear.

Wristband Type Format:

GAT Chip Band 20 F7 B152 cod

Coding:	without text	= uncoded
	"cod"	= coded
Size:	"152"	= 152 mm
	"180"	= 180 mm
	"195"	= 195 mm
	"220"	= 220 mm
Colour:	"B"	= blue (PANTONE 286C)
	"G"	= green (PANTONE 375C)
	"R"	= red (PANTONE 185C)
	"S"	= black
	"Y"	= yellow (PANTONE 102C)
RFID chip: "F7"	= MIFARE® 7byte	

Order information

Description	PartNo.
GAT Chip Band 20 F7 B152	682432
GAT Chip Band 20 F7 B152 cod	682331
GAT Chip Band 20 F7 B180	682634
GAT Chip Band 20 F7 B180 cod	682533
GAT Chip Band 20 F7 B195	682836
GAT Chip Band 20 F7 B195 cod	682735
GAT Chip Band 20 F7 B220	787539
GAT Chip Band 20 F7 B220 cod	787438
GAT Chip Band 20 F7 G152	683029
GAT Chip Band 20 F7 G152 cod	682937
GAT Chip Band 20 F7 G180	683231
GAT Chip Band 20 F7 G180 cod	683130
GAT Chip Band 20 F7 G195	683433
GAT Chip Band 20 F7 G195 cod	683332
GAT Chip Band 20 F7 G220	787741
GAT Chip Band 20 F7 G220 cod	787640
GAT Chip Band 20 F7 R152	683635
GAT Chip Band 20 F7 R152 cod	683534
GAT Chip Band 20 F7 R180	683837
GAT Chip Band 20 F7 R180 cod	683736
GAT Chip Band 20 F7 R195	684131
GAT Chip Band 20 F7 R195 cod	684030
GAT Chip Band 20 F7 R220	788136
GAT Chip Band 20 F7 R220 cod	788035
GAT Chip Band 20 F7 S152	684333
GAT Chip Band 20 F7 S152 cod	684232
GAT Chip Band 20 F7 S180	684535
GAT Chip Band 20 F7 S180 cod	684434
GAT Chip Band 20 F7 S195	684737
GAT Chip Band 20 F7 S195 cod	684636
GAT Chip Band 20 F7 S220	787943
GAT Chip Band 20 F7 S220 cod	787842
GAT Chip Band 20 F7 Y152	684939
GAT Chip Band 20 F7 Y152 cod	684838
GAT Chip Band 20 F7 Y180	685132
GAT Chip Band 20 F7 Y180 cod	685031
GAT Chip Band 20 F7 Y195	683938
GAT Chip Band 20 F7 Y195 cod	685233
GAT Chip Band 20 F7 Y220	788338
GAT Chip Band 20 F7 Y220 cod	788237

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Valid as from October 8th, 2014 • Technical data subject to modifications without notice!
DB_GAT-CHIPBAND-20F7--EN_12.indd • PartNo.: -
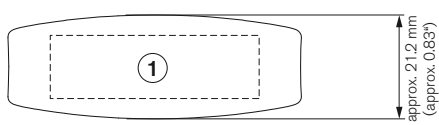
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Technical data

Power supply:	Without battery, contactless via read/write field
Frequency:	13.56 MHz (MIFARE®)
Unique number:	7 byte
Memory capacitiy:	1 kbyte EEPROM
Read/write range examples	
- GAT Acces 6500:	up to 30 mm
- GAT NET.Lock 7000:	up to 40 mm
Write cycles:	100,000 guaranteed
Material:	Silicone, stretchable wristband
Colours:	see order information

Dimensions	
- Circumference (inside):	152, 180, 195 or 220 mm
- Width:	21.2 mm
- Thickness:	Approx. 2.3 mm
- Printable area:	43 x 13 mm
Permitted ambient temperature:	-20°C to +85°C
Permitted storage temperature:	-25°C to +120°C
Protection type:	IP 68
Weight:	10 to 15 g - depending on type (size of wristband)
Environment class based on VDS 2110:	IV (outdoor conditions, fully exposed to the weather)
Successfully completed tests:	- ROHS (Restriction of Hazardous Substances)
	- PAH (Polynuclear aromatic hydrocarbons)
	- Alkylphenol

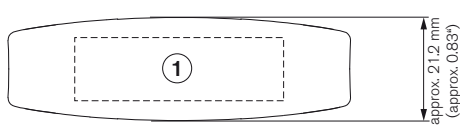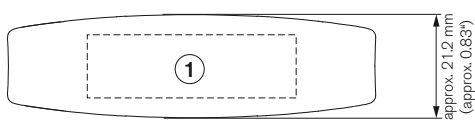## Dimensions

Type "152"

Circumference on inside of wristlet = 152 mm (6")
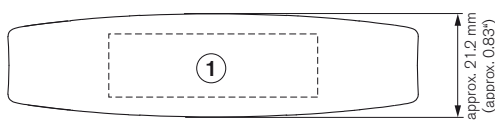
Type "180"

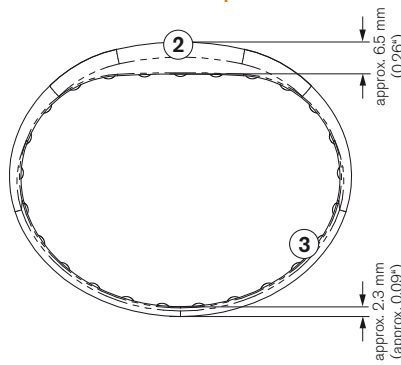Circumference on inside of wristlet = 180 mm (7")

Type "195"

Circumference on inside of wristlet = 195 mm (7.7")

Type "220"

Circumference on inside of wristlet = 220 mm (8.7")

1. Surface for printing of a client-specific logo (43 x 13 mm).
   Please read the note in Order Information on page 1.
2. Wristband face with data carrier
3. Silicone wristband

Typical application

Control Unit

Network

Locker row

GAT Chip Band 20 F7

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