

GAT Chip Band 20 ISO ISO 15693 Wristband

Application

The GAT Chip Band 20 ISO silicone wristband is an ISO 15693 data carrier with a read/write distance of up to 60 mm depending on the RFID device's antenna capability. The data carrier is ideal for many purposes including personal identification, electronic authorization control, and cashless payment transactions (electronic wallet, online only). Popular applications for the wristband include public baths/spas, fitness studios, leisure resorts, industry/trade applications, and many more.

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

The GAT Chip Band 20 ISO is certified against containing any hazardous substances and is available in blue, green, red, black, and yellow.

Functional description

Each GAT Chip Band 20 ISO has a unique number to provide user identification in a system. Reading and writing of data on the GAT Chip Band 20 ISO is performed contactlessly via the RF 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 ISO is completely waterproof and is ideal for wearing on the wrist in facilities that provide water activities.

Highlights

- 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	Part No.
GAT Chip Band 20 Siliconeprint	768235
Single color, printed (embossed) symbol on a GAT Chip Band 20 ISO (e.g., for client-specific logo).	
Note: After lengthy use in an abrasive environment, the symbol printed on the armband can begin to wear.	

Wristband Type Format:

GAT Chip Band 20 ISO B152 cod	
Coding:	without text = uncoded
	"cod" = coded
Size:	"152" = 152 mm
	"180" = 180 mm
	"195" = 195 mm
	"220" = 220 mm
Color:	"B" = blue (PANTONE 286C)
	"G" = green (PANTONE 375C)
	"R" = red (PANTONE 185C)
	"S" = black
	"Y" = yellow (PANTONE 102C)
RFID chip:	"ISO" = ISO 15693 technology



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

Order information

Description	Part No.
GAT Chip Band 20 ISO B152	840529
GAT Chip Band 20 ISO B152 cod	840428
GAT Chip Band 20 ISO B180	840731
GAT Chip Band 20 ISO B180 cod	840630
GAT Chip Band 20 ISO B195	840933
GAT Chip Band 20 ISO B195 cod	840832
GAT Chip Band 20 ISO B220	841126
GAT Chip Band 20 ISO B220 cod	841025
GAT Chip Band 20 ISO G152	841328
GAT Chip Band 20 ISO G152 cod	841227
GAT Chip Band 20 ISO G180	841530
GAT Chip Band 20 ISO G180 cod	841429
GAT Chip Band 20 ISO G195	841732
GAT Chip Band 20 ISO G195 cod	841631
GAT Chip Band 20 ISO G220	841934
GAT Chip Band 20 ISO G220 cod	841833
GAT Chip Band 20 ISO R152	875638
GAT Chip Band 20 ISO R152 cod	875537
GAT Chip Band 20 ISO R180	875840
GAT Chip Band 20 ISO R180 cod	875739
GAT Chip Band 20 ISO R195	876033
GAT Chip Band 20 ISO R195 cod	875941
GAT Chip Band 20 ISO R220	876235
GAT Chip Band 20 ISO R220 cod	876134
GAT Chip Band 20 ISO S152	874839
GAT Chip Band 20 ISO S152 cod	874738
GAT Chip Band 20 ISO S180	875032
GAT Chip Band 20 ISO S180 cod	874940
GAT Chip Band 20 ISO S195	875234
GAT Chip Band 20 ISO S195 cod	875133
GAT Chip Band 20 ISO S220	875436
GAT Chip Band 20 ISO S220 cod	875335
GAT Chip Band 20 ISO Y152	842127
GAT Chip Band 20 ISO Y152 cod	842026
GAT Chip Band 20 ISO Y180	842329
GAT Chip Band 20 ISO Y180 cod	842228
GAT Chip Band 20 ISO Y195	842531
GAT Chip Band 20 ISO Y195 cod	842430
GAT Chip Band 20 ISO Y220	842733
GAT Chip Band 20 ISO Y220 cod	842632

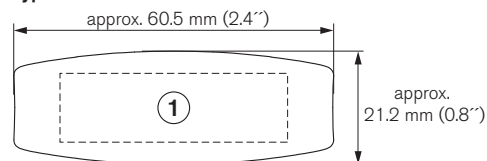
Technical data

Power supply:	Without battery, contactless via read/write field
Frequency:	13.56 MHz (ISO 15693)
Unique number:	8 Byte
Memory capacity:	112 Byte EEPROM
Read/write range examples	
- GAT Access 6500:	Up to 30 mm (1.2")
- GAT NET.Lock 7000:	Up to 40 mm (1.6")
Write cycles:	100,000 guaranteed
Material:	Silicone, stretchable wristband
Colors:	See order information
Weight:	10 to 15 g (0.35 to 0.53 oz)*
	*depending on size of wristband

Dimensions:	
- Circumference (inner):	152, 180, 195, 220 mm (6.0, 7.1, 7.7, 8.7")
- Width:	21.2 mm (0.8")
- Thickness:	Approx. 2.3 to 6.5 mm (0.1 - 0.3")
- Printable area:	43 x 13 mm (1.7 x 0.5")
Permitted ambient temperature:	-20 to +85 °C (-4 to +185 °F)
Permitted storage temperature:	-25 to +120 °C (-13 to +248 °F)
Protection type:	IP 68
Environment class based on VdS 2110:	IV (outdoor conditions, full exposure to weather)
Certification:	- ROHS (Restriction of Hazardous Substances) - PAH (Polynuclear aromatic hydrocarbons) - Alkylphenol

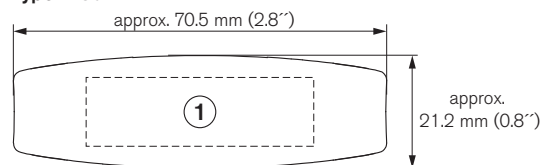
Dimensions

Type "152"



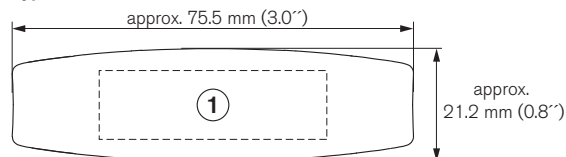
Inner circumference = 152 mm (6.0")

Type "180"



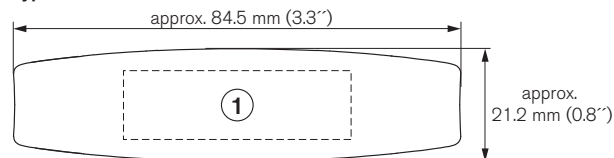
Inner circumference = 180 mm (7.1")

Type "195"

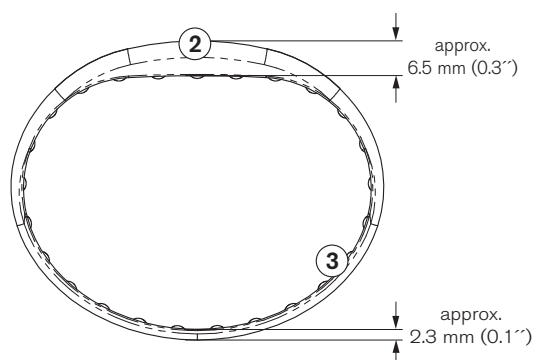


Inner circumference = 195 mm (7.7")

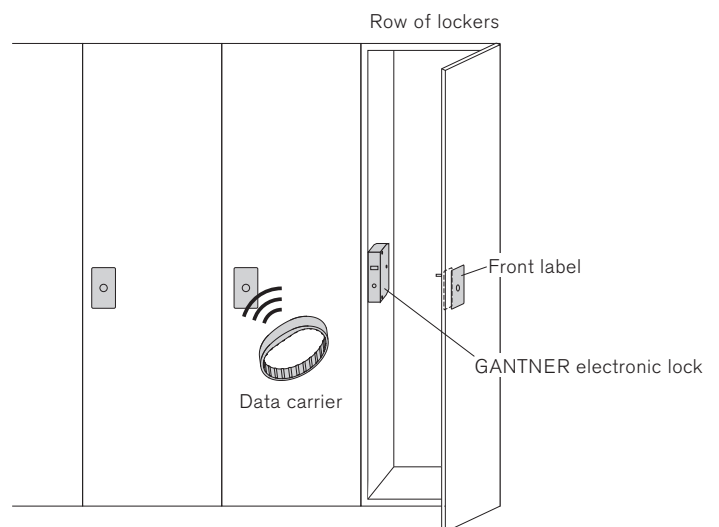
Type "220"



Inner circumference = 220 mm (8.7")



Typical application



1. Surface for printing a client-specific logo (43 x 13 mm / 1.7 x 0.5"). Please read "Order information" on page 1.
2. Wristband face with data carrier
3. Silicone wristband