



# Silicone Wristband WB-S

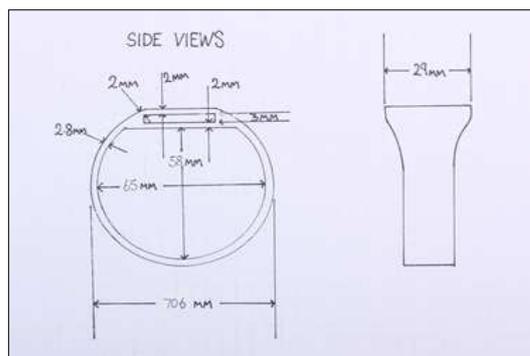
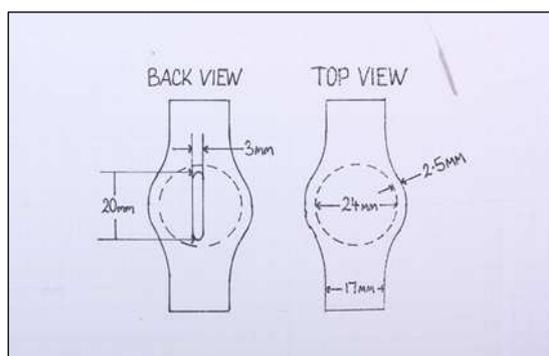
A X E Z E  
RFID Access Control Products

The Axeze WB-S Silicone Wristband combines RFID technology with a simple practical easy to wear wristband.

Produced in a colour that compliments most uniform colours, this water proof, robust wristband is an affordable solution for employees, health workers etc

## Product Specification

Material:	Silicone rubber
Colour	Grey PMS 425
Surface	Opac
Width Strap	17mm
Width head	29mm
Diameter	65mm Internal 70.6mm external
Band Depth	2.8mm
Head Depth	7.0mm
IP rating	65



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The above specifications are subject to change without notice

## **Why Silicon rubber is used**

Silicone is hypo-allergenic and phthalate-free. Chemically, silicone rubber is a family of thermoset elastomers that have a backbone of alternating silicon and oxygen atoms and methyl or vinyl side groups. Silicone rubber is an elastomer (rubber-like material) composed of silicone —itself a polymer— containing silicon together with carbon, hydrogen and oxygen.

Latex however is not hypo-allergenic. It can cause Type I natural rubber latex (NRL) allergy. In medical terms NRL allergy is caused from IgE (immune) mediated reactions to proteins found in the Hevea Brasiliensis tree, a type of rubber tree. Some people who are allergic to latex are also allergic to clothes, shoes, and other things that contain natural rubber latex—for example elastic bands, rubber gloves, condoms, pacifiers and baby-bottle nipples, balloons, cars, and clothing containing natural rubber based elastic..

## **24 mm LF Circular inlay**



Description: The TI 24mm LF circular disk inlay provides superior performance and operates at a resonance frequency of 134.2 kHz. The products are compliant to ISO/IEC 11784/11785 global open standards. Texas Instruments LF inlays are manufactured with TI's patented tuning process to provide consistent read and write performance. Prior to delivery, the inlays undergo complete functional and parametric testing, in order to provide the high quality customers have come to expect from TI. The inlays are well suited for usage in a broad range of applications including, but not limited to access control, vehicle identification, container tracking, asset management and waste management applications, and for various encapsulation processes.

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<b>Parametrics</b>	<b>RI-INL-R9QM</b>
Frequency	134.2 kHz
Transmission Principle	FSK, HDX
Factory Programmed Read Only Number (bits	64
Anti-collision	No
Diameter	24mm
Read Time	70ms
Operating Temperature Range (°C)	-25 to 70
Storage Temperature (°C)	-25 to 70

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