



## Technical Bulletin

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### HCA10 High Comfort Wrist Strap

#### DESCRIPTION

Premium high comfort, fully adjustable blue wrist strap with silver conductive fibres. Wrist-strap is woven and has curved buckle for added comfort. Double thickness material ensures outer layer insulation for complete operator safety.

#### FEATURES AND BENEFITS

- The conductive woven fibres are silver for maximum conductivity and minimum skin irritation.
- The metal back plate is made of hypo-allergenic jewellery grade stainless-steel as standard to prevent any metal allergy problems.
- Wrist-strap is woven and has curved buckle for added comfort.
- Double thickness material ensures outer layer insulation for complete operator safety.
- All wrist straps are supplied as standard with 10mm stud; 4mm and 7mm studs are available on request.



#### CONSTRUCTION

Constructed using R-10 fabric band with elastic ratio of 1:2.5" to 1:3". Outer surface is non-conductive and inner surface of the strap shall be conductive, lined with conductive silver yarn.

#### TYPES

**HCA10** - Fully adjustable fabric wrist-strap. 10mm stud. Blue.

**HCA10AA** - Anti allergy wrist-strap with plastic backing plate to avoid metal contact with skin. 10mm stud. Blue

#### TECHNICAL PROPERTIES

<b>Breakaway Force:</b>	1 - 5 lbs
<b>Interior Cuff Resistance:</b>	< 100 kilo ohms (@7-30v dc open circuit)
<b>Exterior Cuff Resistance:</b>	> 10 mega ohms (@7-30v dc open circuit)
<b>Wrist Strap Life:</b>	20,000 cycles (time taken to return to normal length)
<b>Colour:</b>	Blue
<b>Dimensions:</b>	Free Sized - Not less than 200mm Flattened - 4-4.5 inches

#### TERMINATION

Fabric band assembled to GO2 buckle, non-curved and half-metal back. With flap and male snap available in sizes 4mm, 7mm and 10mm. The half-metal back is covered with anti-allergenic plastic buckle cap.

#### HARDWARE

All metal parts shall show no evidence of corrosion and rust after 24 hours submersion to salt solution. Preferably made from stainless steel or brass alloy plated with nickel. Plastic parts: Made of static dissipative nylon material.

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