BONDLINE

sales@bondline.co.uk
www.bondline.co.uk

(+44) 01793 511000
Mon - Thur 09.00 - 17.00
Fri 09.00 - 14.00

Premium High Comfort ESD Wrist-Strap

HCA10 / HCA10AA

Description

Premium High Comfort ESD Wrist-Strap for all-day comfort. Made with a R-10 woven fabric band and lined with conductive silver yarn. The conductive woven silver fibres provide maximum conductivity and minimum skin irritation. The band has an elastic ratio of 1:2.5" to 1:3". The outer surface is non-conductive and the inner surface of the strap is conductive. Made with a double thickness material giving outer layer insulation for complete operator safety. Designed for personnel grounding in an ESD working area. The wrist strap is fully adjustable and fitted with a 10mm stud as standard for cord attachment. For even greater flexibility, the 10mm stud can be swapped with either a 4mm or 7mm stud according to your needs. Anti-allergy version available to purchase. Custom configurations and colours available on request.

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

HCA10AA
Anti-allergy wrist-strap with plastic backing plate. 10mm stud.

Key Features

- R-10 woven fabric band, lined with conductive silver yarn
- Conductive woven fibres are silver for maximum conductivity and minimum skin irritation
- Lightweight and comfortable with a fully adjustable strap
- Fitted 10mm stud for cord attachment
- Option to swap 10mm stud for 4mm or 7mm on request
- Curved buckle for added comfort
- Can be worn for an extended period of time
- Double thickness material
- Standard colour is light blue
- Anti-allergy version available (plastic backing plate)
- Custom configurations and colours available
- Compliant to the IEC 61340-5-1 International Standard

Product Code	Description
HCA10	The HCA10 wrist strap's metal back plate is made of hypoallergenic jewellery grade stainless-steel as standard.
HCA10AA	The HCA10AA anti-allergy wrist strap is designed for people who suffer from allergic reactions to standard anti-static wrist straps. The fabric design is hypoallergenic, with a plastic backing to avoid metal contact with the skin.

Premium High Comfort ESD Wrist-Strap has been manufactured with the highest quality maximum conductivity silver fibres during manufacture with our G02 buckle US patent design. When stretched to 200%, band returns to its normal length after 20,000 cycles.

ESD Standards & Regulations Met:

RoHS Compliant | REACH Compliant | IEC-61340-5-1 Standard | CE European Conformity

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Specification	Value
Band 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.
Breakaway Force	1 to 5 lbs. of pull away force is required to disconnect snap into normal direction.
Interior Cuff Resistance	≤ 100 kiloohms at 7 to 30 volts dc open circuit.
Exterior Cuff Resistance	≥ 10 megohms at 7 to 30 volts dc open circuit.
Dimensions	For free-sized wrist band, total length of exposed band shall not be less than 200.0mm. Or the flattened length must be 4 to 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.
Wrist-Strap Life Test	When stretched to 200%, band returns to its normal length after 20,000 cycles.
Markings	With customer identification logo and date code.
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.
Colour	Fabric band is available in blue colour. Other colours can be requested.

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Eliminate Costly Static Damage...

Whether you are experiencing unacceptable levels of damage in transit, need a specific cleanroom solution or simply don't know which ESD safe equipment is best for you, we can help!

Request complimentary, no obligation advice by speaking with one of our technical experts today.

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