



Adjustable fabric Wrist Strap

Item #: 16-W-B- 6 ,10 or 12

SAI's hypoallergenic elastic fabric wrist band are made to increase comfort for all day wear. The wrist strap is used to prevent electrostatic discharge (ESD) by safely grounding a person working on electronic equipment. It consists of a stretchy band of fabric with fine conductive fibers woven into it. The strap is bound with a stainless-steel clasp or plate.

The wrist strap is connected to ground through a 6, 10 or 12 ft. coiled retractable cable and 1 M Ω resistor, which allows high-voltage charges to leak through but prevents a shock hazard when handling electronic devices and parts. Where higher voltages are present, extra resistance (0.75 M Ω per 250V) is added in the path to ground to protect the wearer from excessive currents; this typically takes the form of a 4 M Ω resistor in the coiled cable (or, more usually, a 2 M Ω resistor at each end).

Wrist straps in industry usually connect to Earth Bonding Points (part of the grounding system) via a 4 mm machined plug, whereas personally owned straps are likely to be connected to ground via a crocodile clip.



Specifications:

- **Band**
 - hypoallergenic
 - stretch elastic wristband made from elastic Nylon with silver plated threads
 - 85 ohms typical resistance
 - 360 degrees around wrist
 - Electric Blue color
 - 4 mm snap; machined post releases at 1-5 lbs
 - Back plate Stainless Steel medical grade
- **Cord**
 - 10 or 12 ft, extended flexible cord with more than 1 million flex life.
 - 1 M Ω s resistance
 - Black color
 - Spinning banana plug with a 4mm snap and a crocodile clip

Meets or exceeds requirements of ANSI ESD-S20.20 and ESDA Standard 1.1-2006.

Estimated Weight: **0.12 lbs.**