

Product Data Sheet

Adjustable Fabric Wrist Strap with 4mm Snap, 10 Ft. Coil Cord

10069970



Product Information

The Techni-Pro hypoallergenic elastic fabric wrist bands 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 10 ft. coiled retractable cable and 1 MΩ 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 (0.75MΩ per 250V) is added in the path to ground to protect the wearer from excessive currents; this typically takes the form of a 4 MΩ resistor in the coiled cable (or, more usually, a 2 MΩ 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.

General Specifications

WRIST BAND	
Description	Elastic Nylon wristband with silver plated threads Back plate: Medical grade stainless steel
Resistance	85MΩ typical resistance
Features	Hypoallergenic 360° around wrist
Color	Electric blue
Snap	4mm snap; machine post releases at 1-5 lbs

CORD	
Description	10 ft. extended flexible cord with more than 1 million flex life
Resistance	1MΩ
Color	Black
Plug	Spinning banana plug with a 4mm snap and a crocodile clip
Weight	0.12 lbs estimated
Standards	Meets or exceeds requirements of ANSI ESD-S20.20 and ESDA Standard 1.1-2006

Rev. JAN24