

Esd wrist strap of metal

◆ Product Description

The anti-static metal wrist strap is an essential static protection tool in the electronics manufacturing industry. It rapidly discharges static electricity from the human body through real-time conduction with the grounding system, preventing damage to sensitive electronic components caused by electrostatic discharge.



- High-efficiency static discharge
- Safe and reliable design
- Durable and easy to maintain
- Comfortable and convenient ergonomic design
- Safe and reliable grounding connection

◆ Product Structure

- The main body of the wrist strap is made of stainless steel alloy or conductive plastic with added metal fibers, and the surface is treated with electroplated nickel/chromium for anti-corrosion. The conductive cord is braided from multistrand tinned copper wires, wrapped in an outer anti-static PVC insulating layer. the grounding wire is equipped with a high-strength carbon steel nickel-plated alligator clip at the end, and the adjustment device is a metal buckle type that supports one-handed quick wearing.

◆ Typical Applications

- The ESD metal wrist strap, with its high-efficiency static discharge and reliable grounding design, is widely used in electronics manufacturing, semiconductor wafer processing, precision instrument processing, laboratory research and development, medical device manufacturing, as well as special scenarios such as cleanrooms and flammable/explosive environments.

◆ Typical Product Data and Physical Properties

Wrist Strap Material: 304 Stainless Steel Alloy

Conductive Cord: PU Wire

Color: Blue, Black

Grounding Wire: With Alligator Clip

Anti-static Performance: $1.0 \times 10^6 \sim 1.0 \times 10^9 \Omega$

Tensile Strength: $\geq 200 \text{MPa}$

Temperature Resistance Range: -20°C to $+60^\circ\text{C}$

Availability:

Item#	Color	Cable Length	Wire Diameter
1.2.19.01.0228	Blue	2.5M	2.5MM
1.2.19.01.0222	Black	1.8M	2.5MM

◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data for reference only

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