

Datasheet

Adjustable Elastic Wrist Bands and Wrist Straps, 4mm

RS-122-9149



122-9149



Designed to be used with a Coiled Cord with a one megohm current limiting resistor meeting the EN 61340-5-1 Personnel Grounding requirements tested per ANSI/ESD S1.1.

Description

- No metal to skin contact
Choice for those with skin allergies
- Widely adjustable, elasticated fabric band
Conductive fibres on the inside
- Vermason logo molded into the cap

Specifications:

R_S interior of band: $< 1 \times 10^5$ ohms Test Method: ANSI/ESD S1.1 (5.2)

R_S exterior of band: $> 1 \times 10^7$ ohms Test Method: ANSI/ESD S1.1 (5.2)

Circumference: Adjustable from 120mm to 200mm

Weight: 8g

Item	Description
122-9149	Adjustable Elastic Wrist Band Only, 4mm, Red, Pack of 100

Unless otherwise noted, tolerance $\pm 10\%$

Specifications and procedures subject to change without notice.

"The primary means of grounding personnel shall normally be by a wrist strap connected to an EBP." Clause 5.2.7 "The wrist strap shall consist of a band that fits snugly around the wrist and a cord to connect the band to an EBP. The wrist strap shall incorporate a quick release connection. The cord shall have a termination compatible with the EBP and shall incorporate at least one insulated current-limiting resistor. The total resistance from hand to EBP [Earth Bonding Point] shall be in accordance with table 1 [Rg $7,5 \times 10^5$ to $3,5 \times 10^7$ ohms]." (EN 61340-5-1 clause 5.5 EPA working practices)

"The term 'wrist strap' describes the combination of the wrist band, which should fit around the wrist making good skin contact, and the wrist cord which bonds the wearer to an earth bonding point. The wrist band will normally be worn for several hours at a time so it needs to be comfortable while making good contact with the skin. It is a good idea to check the wrist strap every time it is applied. Constant on line monitors can be used so that any breaks will be immediately found.

As a safety feature, the ground cord should release with a force of between 5 N and 25 N, preferably at the wrist band end." (EN 61340-5-2 clause 5.2.7 Wrist strap)

"Wrist straps shall be checked before use. Each check shall be made with the wrist band worn in contact with the wearer's skin and with the ground cord attached to the appropriate tester." (EN 61340 5 1 clause 9.6 Daily checks)