



Designed to be used with a Coiled Cord (included with Wrist Straps) 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
- 10mm stud fitted

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
229740	Wristband Only, 10mm, Dark Blue
229745	Wristband Only, 10mm, Dark Blue, Pack of 100
229750	Wristband Only, 10mm, Light Blue
229755	Wristband Only, 10mm, Red
229760	Wristband Only, 10mm, Red, Pack of 100
229765	Wristband Only, 10mm, Yellow
229770	Wristband Only, 10mm, Yellow, Pack of 100
229795	Wrist Strap, 10mm, Dark Blue with Yellow Coiled Cord, 2m long, 4mm Plug
229815	Wrist Strap, 10mm, Dark Blue with Yellow Coiled Cord, 2m long, 10mm Socket
229825	Wrist Strap, 10mm, Red with Black Coiled Cord, 2m long, 10mm Socket
229830	Wrist Strap, 10mm, Yellow with Yellow Coiled Cord, 2m long, 10mm Socket

"All personnel shall be grounded or equipotentially bonded according to the requirements below when handling ESDS. When personnel are seated at ESD protective workstations, they shall be connected to ground via a wrist strap system."
[EN 61340-5-1 Clause 5.3.3 Personnel grounding]

"A wrist strap system consists of three elements: the person, the wrist cord and a wrist band. To ensure that the resistance to ground of personnel is within the specifications, it is important to measure the entire system (i.e. from the person's body to the end of the ground cord)."

"Wrist straps typically consist of a wrist band which makes contact with the wearer's skin. The wrist band is then attached to a grounding cord which is connected to the ESD ground reference."

"The wrist band is a flexible, form-fitting device designed to make a reliable continuous connection to a person's wrist."

[CLC TR 61340-5-2 User guide Wrist Strap Clauses 4.5.2, 4.7.2.2, and 4.7.2.2.1]

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

Specifications and procedures subject to change without notice.

See Drawings [230115](#), [230120](#) for details on Coiled Cords



Made in the United Kingdom

Adjustable Elastic Wristbands and Wrist Straps, 10mm

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Drawing Number
229740

DATE:
January
2018



230115

Description

- 2.5mm polyurethane insulation
- Conductor is high strength 7-end duplex tinsel for strength and flexibility
- 1 megohm resistor built into each 10mm socket (unless otherwise specified)
- 4mm banana plug does not contain resistor
- Colours: black or yellow
- Dielectric strength: cords withstand 1250 volts DC for at least one minute

Item	Description
230115	1m Coiled Cord, 10mm Socket, 1 meg resistor / 4mm Plug, Black
230175	2m Coiled Cord, 10mm Socket, 1 meg resistor / 4mm Plug, Black
230205	2m Coiled Cord, 10mm Socket, 1 meg resistor / 4mm Plug, Yellow
230305	3m Coiled Cord, 10mm Socket, no resistor / 4mm Plug, Black

"All personnel shall be grounded or equipotentially bonded according to the requirements below when handling ESDs. When personnel are seated at ESD protective workstations, they shall be connected to ground via a wrist strap system."

[EN 61340-5-1 Clause 5.3.3 Personnel grounding]

"The ground cord is a wire assembly that connects the wrist band to ground or to a common connection point. It usually consists of an insulated wire with a connector head that attaches to the band on one end and a termination device on the other end for connecting to ground. Ground cords usually contain a current-limiting resistor at the band-connecting end. Any electrical connector that can be attached to ground is acceptable as long as it is mechanically durable. The preferred grounding point for the groundable end of the cord is a point connected to ground or to a common connection point."

[CLC TR 61340-5-2 User guide Clause 4.7.2.2.2 Wrist strap ground cord]

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United Kingdom

Coiled Cords, 10mm Socket, 4mm Plug

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