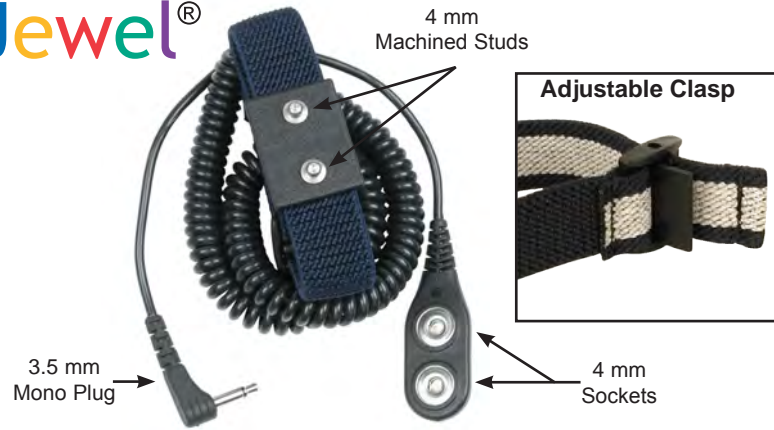


Jewel®



"All personnel shall be grounded or equipotentially bonded according to the requirements below when handling ESDS [ESD sensitive items]. When personnel are seated at ESD protective workstations, they shall be connected to ground via a wrist strap system." [EN 61340-5-1 Edition 1 2007-08 clause 5.3.2 Personnel grounding]

"The operator shall wear the wrist strap in the normal position and plug the free end of the cord into the test apparatus. The hand contact plate shall be pressed to verify that the wrist strap system resistance is within acceptable parameters. The test apparatus can be an integrated, commercially available tester or other Instrumentation that is capable of measuring resistance from 5,0x10E4 ohms to at least 1,0x10E8 ohms. The tester open-circuit voltage is typically between 9 V d.c. and 100 V d.c." [EN 61340-5-1 Edition 1.0 2007-08 Annex A Test method A.1 Measurement method for wrist strap testing]

"Where continuous monitoring is used, no additional testing is required." [EN 61340-4-1, per A.5.2]

"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." [EN 61340-5-2 section 5.2.7]

Improve wrist strap contact with our [229630](#) Reztore™ ESD Hand Lotion

Design to meet Wrist Strap requirements of EN 61340-5-1 tested per ANSI/ESD S1.1 and EN 61340-5-1 clause A.1 test method. Dual Wire Wrist Strap provides redundancy; even if one dual wire wrist strap conductor is severed, operator has reliable path-to-ground with other wire.

- Used with resistive loop technology continuous monitor, continuously verifies the proper resistance to ground of the operator
- Comfortable adjustable wrist band made of silver suffused monofilament conductive interior
- 304 stainless steel back plate
- Woven Silveron™ fabric infused with silver monofilament conductive fiber is comfortable and hypo-allergenic
- Patented* dual wire technology
- Superior warranty - See details of 1 year Limited Warranty at <http://www.vermason.co.uk/LimitedJewelWarranty.aspx>
- Superior quality product Made in America at our Chino CA facility
- UL listed

Cleaning

For proper operation, the wrist strap, especially the wrist band, must be kept clean. All wrist band should be cleaned with a mild detergent on a periodic basis.

Use patented* Dual Wire Wrist Strap with Vermason's Dual Wire Continuous Monitor, 3M monitors, or other brands which use 3.5 mono plug.

Item	Description
229941	Adjustable Wrist Strap, 4mm male snaps, with 1.8m coiled cord
229942	Adjustable Wrist Strap, 4mm male snaps, with 3.7m coiled cord
229940	Adjustable Wristband Only, 4mm male snaps

See drawing [229943](#) for details on the Jewel® coiled cords.

Thermoplastic elastomer strain relief molded on. Flex life average >11,700,000 cycles (per ANSI/ESD S1.1 Bending Life Test, greatly exceeding the 16,000 average cycle requirement). Break load average 30 pounds.

Meets ANSI/ESD S1.1 breakaway force requirement $\geq .45$ kg (1 lb) but ≤ 2.3 kg (5 lb)

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

Specifications and procedures subject to change without notice.



Made in America



*U.S. Patents 6,052,053 and 6,205,408

Vermason

Jewel® Adjustable Elastic, Wrist Strap, Dual Wire

VERMASON
UNIT C, 4TH DIMENSION, FOURTH AVENUE, LETCHWORTH,
HERTS, SG6 2TD UK
PHONE: +44 (0) 1462-672005, FAX: +44 (0) 1462-670440
E-MAIL: Service@Vermason.co.uk, INTERNET: Vermason.co.uk

Drawing Number
229940

DATE:
March
2011