



PWS-610M Fabric Wrist Strap

In conjunction with the best product designers in the ESD industry, Prostat has created new refinements in wrist strap technology. Prostat wrist straps are specially designed for durability, lightweight, portability and comfort.

These unique personnel and instrument grounding products are intended for use in demanding, high performance applications where reliability is the priority. Compared to traditional wrist straps

with fabric cuffs and 10 ft cords, the PWS-610 *weighs 60 percent less* (under 1 ounce) and *uses 1/3 the working or storage space* of a standard assembly. The PWS-600 series is so compact that it can be easily carried or stored in a pocket, mini audit kit, or small cabinet spaces. Its knit, two way stretch fabric cuff is extremely comfortable and fully adjustable.

Specifications

CUFF ASSEMBLY:

- Buckle:** 1.0W x 1.0L x 0.25H inches. Gray, Adjustable with positive lock, stainless steel back plate. Standard male 5/32" snap (0.154", 4mm); provides 360° performance. Patented, Easily adjusted buckle incorporating a positive fabric lock to eliminate slip and enhance skin contact. Non-sensitizing stainless steel back plate.
- Fabric:** 0.85" wide. Grey, knit incorporating silver plated filament and elastic nylon. Insulative outer cuff surface, conductive inner cuff surface.
- Size/Length:** Nominal 6.5" After stretching to 2x length and relaxing.
- Adjustable:** Easily adjustable to fit all personnel.
- Control:** Date coded and Prostat manufacturer's logo embossed on all cuff assemblies
- "M" series cuffs:** Incorporate a 10mm male snap and insulated snap cover installed in the fabric approximately 1.5" from the cuff buckle. The 10mm snap is used to mount and ground the Prostat PFM-711A Field Meter and CPM-720A Charge Plate Monitor.

CORD ASSEMBLY:

Cord:	Heavy Duty, Lightweight construction of Single bundle, laced tensile conductors reinforced with synthetic fibers. Cord Diameter: 0.06" Coil Diameter: 0.26" Alligator clip supplied.
Resistor:	One megohm ($\pm 10\%$) resistor molded into snap connection
Ground Connection:	Standard banana plug
Warranty:	Warranted for One Year against mechanical and electrical defects.
Cord Extension:	Full extension greater than 13 feet. Working length greater than 10 feet.
Tested:	Provides over 100,000 bending cycles per ANSI/ESD S1.1 procedures.

WARNING: A one-megohm resistor has been molded into the plastic cap on the ground cord fastener. **DO NOT REMOVE.** If it becomes damaged, replace ground cord immediately. Do not use in areas where the individual may come in contact with electrical circuits exceeding 250 Volts.

CAUTION: The Prostat wrist strap is for static control. It will not reduce or increase your risk of receiving electrical shock when using or working on electrical equipment. Follow the same procedures you would use without wrist straps, including:

- * Make certain that equipment having a grounding type plug is properly grounded.
- * Make certain that you are not in contact with grounded objects other than through the strap.

©2007 Prostat Corporation. All rights reserved.
Prostat is the registered trademarks of Prostat Corporation in the United States and other countries.

1072 Tower Lane, Bensenville, IL 60106 USA
Phone +1 (630) 238-8883 Fax +1 (630) 238-9717
Web access: <http://www.prostatcorp.com>

Specifications subject to change without notice.
Printed in U.S.A. REV2: 6/20/07