

Metal Band Wrist Strap

PWS-620

Data Sheet

Metal wristband adjusts to virtually any wrist size

The PWS-620 Wrist Strap features a metal wristband that incorporates a patented linking system. It enables you to adjust the strap to fit virtually any wrist size. This unique band comes manufactured in 130mm lengths and can be easily enlarged using one or more of the five 10mm nylon expansion links included. The band is extremely comfortable, as each one is “custom fit” to the user. This band eliminates the need to stock bands of various sizes.

The ground cord, which has a 1 megohm resistor built into it, exceeds 20,000 cycles of bending life test without any physical damage on the strain relief.





Data Sheet

Specifications for the PWS-620 Metal Band Wrist Strap

Cuff Assembly	
Construction	Made from jewelry quality stainless steel, tested to MIL STD 202 Method 101.
Thickness	3.5mm, average weight 33 grams Manufactured to 130mm circumference with 5 10mm nylon expansion links.
Electrical Properties	Outer band: insulative at 500V per unit mm, coating is polyurethane based polymer Inner band: Conductive - $<1.0 \times 10^4$
Adjustable	Easily adjustable to fit all personnel.
Quality Control	Each band is date and lot coded to total quality control and auditing
Elasticity	Expansion ratio 1.5:1
Snap/Size	4mm post snap for ground cord, tested to MIL STD 202 Method 101
Color	Black
Meets or Exceeds	DOD-HDBK-263, DOD-STD-1686, EOS/ESD Std. No. 1-1987, EN10015/1
UL Listed	File E 157590
Cord Assembly	
Cord Length	12 feet
Cord Diameter	2.5 mm
Breakaway Force	1 to 5 lbs. of pull away force is required to disconnect the snap in a normal disconnect direction.
Cord Material	Polyurethane Coil Insulation
Snap Type	4mm Socket Snap
Cord Resistor	1 Meg Ohm $\pm 20\%$ Resistor Built Inside
Bending Life Test	Exceeds 20,000 cycles of bending life test without any physical damage on the strain relief.
Ground Lead Extendibility	Cord should return back to at least 85% of its original length in less than 10 minutes after hanging for 24 hours, with 1 lb. weight on the other end.

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.

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