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## Ergodyne 8910BK

# Ergodyne GloWear 8910BK ANSI High Visibility Safety Pants User Manual

Model: 8910BK | Brand: Ergodyne

## 1. PRODUCT OVERVIEW

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The Ergodyne GloWear 8910BK High Visibility Safety Pants are designed to provide breathable and lightweight protection for workers in various environments. Featuring black panels to conceal dirt and wear, these pants ensure high visibility with reflective tape, meeting ANSI/ISEA 107-2020 Supplemental Class E Standards. They are suitable for industrial workplaces, flagging crews, utility crews, road construction, and railway workers.





Figure 1: Front view of the Ergodyne GloWear 8910BK High Visibility Safety Pants.

## 2. KEY FEATURES

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- **High Visibility:** ANSI/ISEA 107-2020 Class E compliant with 2-inch reflective tape for enhanced visibility in low-light conditions.
- **Lightweight Breathability:** Constructed from 3.3oz polyester mesh for comfort and airflow.
- **Dirt-Hiding Panels:** Black panels on the lower legs are designed to conceal dirt and wear, maintaining a professional appearance.
- **Elastic Waistband:** Features a comfortable elastic waistband with a drawstring for an adjustable and secure fit.
- **Hook & Loop Leg Openings:** Wide leg openings with hook and loop closures allow for easy donning and doffing over boots.
- **Cargo Pocket:** Includes one right-leg cargo pocket for convenient access and storage of small items.

## LIGHTWEIGHT BREATHABILITY

3.3OZ POLYESTER MESH



Figure 2: Detail illustrating the lightweight, breathable 3.3oz polyester mesh fabric.



## BLACK PANELS

HIDE DIRT AND WEAR

Figure 3: Close-up of the black panels on the lower legs, designed to hide dirt and wear.



Figure 4: Example of high visibility pants worn in a low-light environment, showcasing reflective tape.



Figure 5: Detail of the adjustable drawstring waistband for a comfortable and flexible fit.

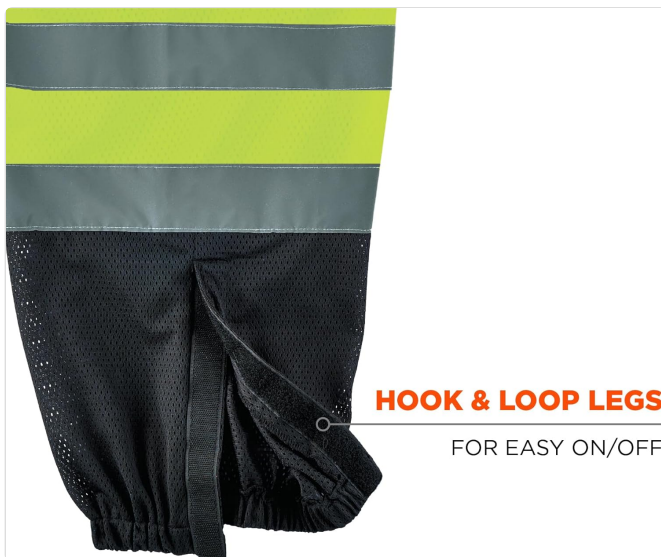


Figure 6: Close-up of the hook and loop leg opening, facilitating easy wear over boots.

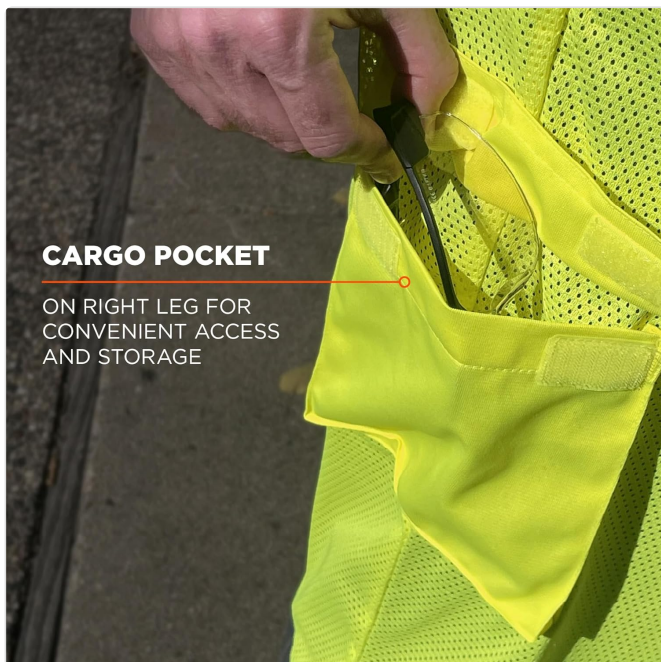


Figure 7: View of the right-leg cargo pocket, designed for convenient access and storage.

### 3. SETUP AND WEARING INSTRUCTIONS

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1. **Preparation:** Ensure the pants are clean and free from damage before wearing.
2. **Donning:**
  - Unfasten the hook and loop closures at the leg openings if necessary to accommodate boots.
  - Pull the pants over your base layer clothing or wear them directly.
  - Adjust the elastic waistband using the drawstring for a comfortable and secure fit around your waist.
  - Refasten the hook and loop closures around your ankles to prevent snagging and ensure a proper fit over boots.
3. **Adjustment:** Verify that the pants allow for full range of motion without being too loose or too tight. The reflective tape should be clearly visible and unobstructed.

## 4. CARE AND MAINTENANCE

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Proper care and maintenance will extend the lifespan of your Ergodyne GloWear 8910BK Safety Pants and ensure continued high visibility performance.

- **Washing:** Machine wash cold with like colors. Do not bleach.
- **Drying:** Hang to dry. Do not tumble dry. Avoid high heat as it can damage reflective materials.
- **Ironing:** Do not iron.
- **Storage:** Store in a clean, dry place away from direct sunlight and extreme temperatures.
- **Inspection:** Regularly inspect the pants for any signs of wear, tear, or damage to the reflective tape. Replace if visibility is compromised.

## 5. SAFETY INFORMATION

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The Ergodyne GloWear 8910BK Safety Pants are designed to meet specific safety standards to enhance worker visibility.

- **ANSI/ISEA 107-2020 Compliance:** These pants meet the Supplemental Class E requirements of the ANSI/ISEA 107-2020 standard for high-visibility safety apparel. This classification indicates that when worn with a Class 2 or Class 3 garment, the combination achieves Class 3 visibility.
- **Intended Use:** Designed for environments requiring enhanced visibility, such as industrial workplaces, flagging operations, utility work, road construction, and railway maintenance.
- **Limitations:** While these pants enhance visibility, they do not guarantee protection against all hazards. Always follow site-specific safety protocols and wear appropriate personal protective equipment (PPE) for the task.

## 6. SPECIFICATIONS

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<b>Model Number</b>	8910BK
<b>Manufacturer</b>	Ergodyne
<b>Material</b>	100% Polyester Mesh
<b>Color</b>	Lime with Black Bottom
<b>Visibility Standard</b>	ANSI/ISEA 107-2020 Supplemental Class E
<b>Reflective Tape</b>	2-inch wide
<b>Item Weight</b>	Approximately 4.2 ounces (for Small-Medium size)
<b>Product Dimensions</b>	10.25 x 1 x 15.25 inches (packaged, for Small-Medium size)
<b>Included Components</b>	1 Pair of Safety Pants
<b>Measurement System</b>	Metric (for some specifications)

## 7. WARRANTY AND SUPPORT

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### Warranty Information

Ergodyne guarantees its products to be free of defects in materials and workmanship to the original purchaser for the

lifetime of the product. This warranty does not cover damage resulting from abuse, misuse, or normal wear and tear.

## **Customer Support**

For further assistance, product inquiries, or warranty claims, please contact Ergodyne customer support through their official website or authorized retailers. Refer to the product packaging or the Ergodyne website for the most current contact information.

**Ergodyne Official Website:** [www.ergodyne.com](http://www.ergodyne.com)