TruePower 5

TruePower 6 Ft x 8 Ft Fiberglass Welding Blanket Instruction Manual

Model: 5

Important Safety Information

Read and understand all safety instructions before using the TruePower Fiberglass Welding Blanket. Failure to follow these instructions may result in personal injury or property damage.

- This welding blanket is designed to shield work areas from welding splatter and sparks. It is made of flame retardant fiberglass.
- The blanket has a working temperature of up to **1000 degrees Fahrenheit (537 degrees Celsius)**. Do not expose the blanket to temperatures exceeding this limit.
- This blanket is not intended for direct contact with open flames or molten metal for extended periods. It is a protective barrier, not a fire extinguishing device.
- Always wear appropriate personal protective equipment (PPE) when welding, including welding helmets, gloves, and protective clothing, even when using the welding blanket.
- Ensure adequate ventilation in the work area.
- Keep the blanket clean and free from flammable materials to maintain its effectiveness.
- Inspect the blanket for damage before each use. Do not use a damaged blanket.

Setup

Proper setup ensures maximum protection during welding operations.

1. **Unpack the Blanket:** Carefully remove the welding blanket from its packaging.
2. **Inspect for Damage:** Before first use, and prior to every subsequent use, thoroughly inspect the blanket for any tears, holes, or signs of wear that could compromise its protective capabilities.
3. **Positioning:** Place the welding blanket to effectively shield the desired work area from sparks, splatter, and heat. Ensure it covers all vulnerable surfaces and equipment.
4. **Securing the Blanket:** The blanket features brass grommets on each side, approximately every 12 inches. Use these grommets to securely hang or fasten the blanket in place, preventing it from shifting during

welding. Use appropriate hooks, clamps, or ties (not included) for securing.

5. **Clearance:** Maintain a safe distance between the welding arc/flame and the blanket to prevent direct, prolonged contact, which could exceed its working temperature limits.

Operating Instructions

The TruePower Fiberglass Welding Blanket is designed to provide a protective barrier during welding, cutting, and grinding operations.

- **Shielding:** Use the blanket to protect adjacent equipment, walls, floors, and personnel from hot sparks, molten metal splatter, and slag generated during welding.
- **Containment:** Position the blanket to contain sparks and splatter within a designated safe zone, reducing the risk of fire or damage to surrounding areas.
- **Heat Resistance:** The fiberglass material provides excellent heat resistance, allowing it to withstand high temperatures from welding processes. However, avoid direct, continuous flame impingement.
- **Flexibility:** The blanket's flexible nature allows it to be draped over irregular shapes or hung to create temporary welding enclosures.

Figure 1: Proper use of the welding blanket to protect the surrounding environment from welding sparks and splatter. The blanket is positioned to create a barrier around the welding operation.

Maintenance

Regular maintenance will extend the life and effectiveness of your welding blanket.

- **Cleaning:** After use, allow the blanket to cool completely. Gently shake off any loose debris, slag, or sparks.

For stubborn residue, a soft brush can be used. Avoid harsh chemicals or abrasive cleaning methods that could damage the fiberglass fibers.

- **Inspection:** Periodically inspect the blanket for any signs of wear, such as fraying, thinning, holes, or tears. Pay close attention to areas that receive the most exposure to sparks and heat.
- **Storage:** Store the welding blanket in a clean, dry place, away from direct sunlight and moisture. Rolling or folding the blanket neatly can prevent creases and prolong its lifespan.
- **Damage:** If the blanket shows significant damage that compromises its protective integrity, it should be replaced immediately.

Troubleshooting

This section addresses common concerns regarding the welding blanket.

Problem	Possible Cause	Solution
Blanket shows signs of burning or melting.	Prolonged direct contact with open flame or molten metal; exposure to temperatures exceeding 1000°F (537°C).	Ensure the blanket is used as a barrier for sparks and splatter, not as a direct flame shield. Maintain adequate distance from the heat source. Replace if significantly damaged.
Sparks or splatter pass through the blanket.	Holes, tears, or thinning of the material; improper positioning.	Inspect the blanket for damage and replace if necessary. Reposition the blanket to fully cover the area requiring protection.
Blanket is difficult to clean.	Heavy accumulation of slag or debris; improper cleaning method.	Clean the blanket regularly after each use. Use a soft brush for stubborn residue. Avoid allowing heavy buildup.

Specifications

- **Product Name:** TruePower Fiberglass Welding Blanket
- **Model Number:** 5
- **Part Number:** 4354325240
- **Material:** Flame Retardant Fiberglass
- **Dimensions:** 6 Ft x 8 Ft (approximately 1.83 m x 2.44 m)
- **Working Temperature:** Up to 1000°F (537°C)
- **Grommets:** Brass grommets, approximately every 12 inches (30.5 cm) on each side
- **Item Weight:** Approximately 6.25 pounds (2.83 kg)

Warranty and Support

Specific warranty information for the TruePower Fiberglass Welding Blanket is not provided in the product details. For warranty claims, technical support, or further inquiries, please contact the manufacturer, TruePower, directly or refer to the product packaging for contact information.
Manufacturer: Chicago Electric Welding Systems (as listed in product specifications)