



APLS Thermal Wrap

APLSV-3378H1-4

NSN: 6530-01-576-6389

INSTRUCTIONS FOR USE

Product Description:

The APLS Thermal Wrap is a portable and disposable absorbent litter designed to provide warmth and protection to injured personnel during transportation and treatment. This innovative product combines thermal insulation with fluid absorption, ensuring patient comfort and safety. The APLS Thermal Wrap features a treated nylon backing to protect against wind and moisture, two opposing fleece-lined panels that fold over the patient for added thermal protection, and a highly absorbent core capable of retaining up to 4.5 liters of fluid. It supports up to 450 pounds, wet or dry, and includes eight reinforced handles for carrying, two closeable access points for medical treatment, and a closeable pocket for securing patient documents, x-ray disks, and personal effects.

Intended Use:

The APLS Thermal Wrap is intended for use by emergency personnel, first responders, and other trained individuals to safely transport and treat patients while providing thermal protection, moisture resistance, and fluid absorption in emergency situations.

Precautions:

- **For Professional Use Only:** The APLS Thermal Wrap should be used by trained personnel familiar with emergency transport and patient care procedures.
- **Single Use Only:** The litter is designed for single use. Reuse may compromise its structural integrity and absorbency, increasing the risk to the patient.
- **Weight Limit:** Do not exceed the weight limit of 450 pounds (204.12 kg). Overloading may result in failure and injury.
- **Avoid Sharp Objects:** Ensure that sharp objects do not puncture or tear the nylon backing, fleece panels, or absorbent core, as this could reduce the effectiveness of the product.

Instructions for Use:

1. Preparation:

- Inspect the vacuum-sealed packaging for any signs of damage before use. If the packaging is compromised, do not use the product and obtain a replacement.



- Ensure that the area around the injured person is safe and stable before attempting to deploy the APLS Thermal Wrap.

2. Deployment:

- Carefully open the vacuum-sealed packaging, taking care not to damage the litter inside.
- Unfold the APLS Thermal Wrap completely and lay it flat on the ground, with the treated nylon backing in contact with the surface to protect against wind and moisture.

3. Patient Placement:

- Position the patient onto the APLS Thermal Wrap, ensuring that their body is centered on the litter. If the patient is conscious, instruct them to remain as still as possible during the transfer.
- Fold the two opposing fleece-lined panels over the patient to provide additional thermal protection.

4. Securing the Patient:

- Use the eight reinforced handles to lift and carry the patient. Distribute the weight evenly among the rescuers to prevent strain and ensure stable and controlled movement.
- Utilize the bottom straps to secure the APLS Thermal Wrap to a stretcher or litter if additional stabilization is needed during transport.

5. Medical Access and Document Management:

- If medical treatment is required during transport, use the two closable access points to reach the patient while retaining body heat.
- Store patient documents, x-ray disks, or personal effects in the closable pocket inside the APLS Thermal Wrap to keep them secure and accessible.

6. Fluid Management:

- The highly absorbent core of the APLS Thermal Wrap will automatically wick fluids away from the patient during transport. Monitor the litter for signs of saturation.
- If the litter becomes saturated or if fluids are observed leaking from the edges, prioritize quick transport to a medical facility where the patient can be transferred to a dry surface.

7. Post-Use Disposal:

- After the patient has been safely transferred to a medical facility, carefully remove the APLS Thermal Wrap.
- Dispose of the used litter according to local medical waste disposal regulations. The product is not designed for reuse.

Additional Notes:

- **Training:** It is recommended that emergency personnel undergo training in the proper deployment and use of the APLS Thermal Wrap to ensure proficiency during actual emergencies.



- **Storage:** Store unused APLS Thermal Wraps in their original vacuum-sealed packaging in a cool, dry place, away from direct sunlight and sharp objects. Proper storage ensures the litter maintains its effectiveness until needed.
- **Emergency Preparedness:** The APLS Thermal Wrap is an essential component of emergency preparedness kits, especially in environments where traditional stretchers or thermal protection may not be available.

**Always follow your local Medical Direction and Protocols
for patient movement and hypothermia treatment.**