



THERMO SAVER TSR EDITION 5

Thermosaver TSR5 is a hypothermic rescue bag. Its main function is to protect a person from further loss of body temperature.

Art. Nr	MQ20016045
Certifications	EN-1865
Weight	2600 g
NSN	6532.2516.35297

The Thermosaver TSR5 Hypothermic Rescue Bag consists of five elements:

- Outer skin that repels water and shields from the wind
- An insulating layer that is made of non-woven polyester
- Inner skin that stabilizes the insulation
- A vapor barrier closest to the patient with a strong capability to absorb fluids. Up to 1 quart of fluid per square foot (10 liters/m²) can be absorbed from the patient. This supports the patients natural reflex to regain body temperature.
- An insulating hood fixed to the head-end of the bag. The hood may be removed and used separately when required.



The patient is wrapped like a burrito, fitting most body sizes. The bag including the moisture and vapor barrier is rolled up so that it is possible to use the “log-roll” method to move the patient over to the rescue bag. When the folding is completed around the patient, the patient is secured in the rescue bag using seven Velcro fasteners. These are color coded red and black to assist in fast and correct closing of the bag.

On the left side of the rescue bag there is a Velcro opening to ensure access to the torso for medical examination and treatment without having to open the rest of the bag.

When the patient is wrapped in the rescue bag, four carrying handles on each side of the rescue bag and one handle at the head-end all ensure that safe evacuation of the patient can be done in an efficient manner. Each lifting handle is tested according to EN-1865 with a capacity to lift 551 lbs (250kg).

The rescue bag is vacuum packed at delivery. It has a guaranteed shelf life of 5 years. The bag can be used up to 10 times when following established processing instructions. The in-use lifetime of the product is affected by the number of processing cycles and should not exceed the maximum number of allowable uses. The bag should be stored in a dry environment after first use.

At the end of the product’s lifetime the rescue bag can be returned to Thermosaver for recycling.

Model numbers/Variants:	Civilian version	Military version
Shelf Life	5 Years	5 Years
In Use Life	Up to 10 times (if washed as instructed)	Up to 10 times (if washed as instructed)
Compressed L/W/H	21.5/14/6 inches - 55/35/15 cm	21.5/14/6 inches - 55/35/15 cm
In Use L/W/H	111/75.5/1 inches - 282/192/2 cm	111/75.5/1 inches - 282/192/2 cm
Weight	5.7 lbs - 2.6 kg	5.7 lbs - 2.6 kg
Color	High Wiz Yellow	Gray
Vapor barrier	Gemini	Gemini
# lifting straps	9	9
# closing straps	6	6
Hood	Yes	Yes
Fabric	100% polyester	100% polyester
Outer skin fabric water column	8,000 mm	8,000 mm
Shrinkage Wash 140°F / 60°C	<3%	<3%
Fabric vapor barrier	Non-woven polypropylene and 70% viscose, 30 % polyester	Non-woven polypropylene and 70% viscose, 30 % polyester
Biocompatibility lining	Oeko Tex 100	Oeko Tex 100

Note: Reasonable variations in specified dimensions, weight is considered normal. Product data is periodically updated to reflect product / raw material / process changes.

Vapor Barriers: The Gemini vapor barrier is the standard barrier delivered with the Thermosaver and absorbs 1 quart of fluid per square foot (10 liters/m2).

We also offer the Jona vapor barrier that has more absorbent material and can absorb 3 times the amount of liquid as the Gemini. The Jona vapor barrier is recommended for very wet patients (e.g. after water rescue) where a patient’s clothing can be left on knowing that the vapor barrier efficiently will absorb the liquid.