

# Product Datasheet - Thermosaver TSR5 (Thermosaver Edition 5)

Manufacturer: Thermosaver AS

Models: TSR-5431, TSR-5431M, TSR-5431MJK,  
TSR-5431R, TSR-5431MR, TSR-5431MJKR



## Product Description

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

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 **vapour barrier** closest to the patient with a strong capability to absorb fluids. A maximum of 10 litres of fluids per square meter can be absorbed from the patient. This supports the patients natural urge 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.

To effectively wrap patients of all body sizes, seven pieces of velcro are placed alongside 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, eight carrying handles alongside the rescue bag and one handle at the head-end all ensure that evacuating the patient can be done in an efficient manner.

The rescue bag is vacuum packed at delivery. It has a guaranteed shelf life of 5 years. Specified models of the bag can be used multiple times, of up to 10 uses, 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 lifetime the rescue bag should be returned to Thermosaver for recycling.

**\*NATO Stock Number (NSN): 6532251635297**

<b>TSR-5431 TSR-5431R</b>	<b>TSR-5431M, TSR-5431MJK TSR-5431MR, TSR-5431MJKR</b>
 A yellow rescue bag with black carrying handles and red velcro straps. The bag is shown vertically, and the brand name 'THERMO SAVER' is visible on the front.	 A grey rescue bag with black carrying handles and red velcro straps. The bag is shown vertically.

\*NSN applies for TSR-5431M

## Product Specification

Model numbers/Variants:	TSR5431	TSR5431M	TSR5431MJK
Shelf Life	5 Years	5 Years	5 Years
In Use Life	Single Use	Single Use	Single Use
Compressed L/W/H cm	55/35/15	55/35/15	55/35/15
In Use L/W/H cm	282/192/2	282/192/2	282/192/2
Weight g	2600	2600	2600
Colour	High Wiz Yellow	Grey	Grey
Vapour barrier	Gemini	Gemini	Jona
# lifting straps	9	9	9
# closing straps	6	6	6
Hood	YES	YES	NO
Fabric	100% polyester	100% polyester	100% polyester
Outer skin fabric water column	8000 mm	8000 mm	8000 mm
Shrinkage Wash 60 deg. C	<3%	<3%	<3%
Fabric vapour barrier	Non-woven polypropylene and 70 % viscose, 30 % polyester	Non-woven polypropylene and 70 % viscose, 30 % polyester	70 % viscose and 30 % polyester
Biocompatibility lining	Oeko Tex 100	Oeko Tex 100	Oeko Tex 100

NATO Nr:

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

<b>Model numbers/Variants:</b>	<b>TSR5431R</b>	<b>TSR5431MR</b>	<b>TSR5431MJKR</b>
Shelf Life	5 Years	5 Years	5 Years
In Use Life	Multiple Use (up to 10 times)	Multiple Use (up to 10 times)	Multiple Use (up to 10 times)
Compressed L/W/H cm	55/35/15	55/35/15	55/35/15
In Use L/W/H cm	282/192/2	282/192/2	282/192/2
Weight g	2600	2600	2600
Colour	High Wiz Yellow	Grey	Grey
Vapour barrier	Gemini	Gemini	Jona
# lifting straps	9	9	9
# closing straps	6	6	6
Hood	YES	YES	NO
Fabric	100% polyester	100% polyester	100% polyester
Outer skin fabric water column (first use)	8000 mm	8000 mm	8000 mm
Outer skin fabric water column (after processing)	Up to 4000 mm (after 5 wash cycles)	Up to 4000 mm (after 5 wash cycles)	Up to 4000 mm (after 5 wash cycles)
Shrinkage Wash 60 deg. C	<3%	<3%	<3%
Fabric vapour barrier	Non-woven polypropylene and 70 % viscose, 30 % polyester	Non-woven polypropylene and 70 % viscose, 30 % polyester	70 % viscose and 30 % polyester
Biocompatibility lining	Oeko Tex 100	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.

#### Washing symbols



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