



If you save lives, discover the new Retmex

Introducing.



Why Retmex?

It all started with a Dutch firefighting service in the summer of 2018. They had faced serious problems with evacuating unconscious individuals during house fires, especially when these victims suffered from thermal burns. As a result of these thermal burns, the victim's skin would become extremely weak. The fire commander brought up the biggest issue with evacuating someone with thermal burns:

'When time is critical, you need to move quickly, so you grab the victim by the arms or legs and drag him / her to safety. The big problem is that you have no hold on a skin with thermal burns. It sounds cruel, but you rip off the skin when we quickly had to evacuate the person. We are literally skinning someone alive, which causes extreme injuries to the victim. Besides that, we lose a lot of precious time, because this is extremely heavy.'

This fire fighting service was desperately in need for of a solid rescue solution. Riot police and rescue professionals, both in domestic emergencies and terrorist attacks, also face difficulties when transferring victims from a rough terrain. Evacuation Mattresses are often too big for the fire trucks, making them hard to keep handy during an intervention by fire fighters or other rescue professionals.

Retmex changes this. Retmex can help firefighters and rescue professionals to minimise the issues during a critical rescue job. The Retmex Rescue Sheets are designed to make it easier to effectively transfer victims with less effort than before. Whether responding to a forest, mine, national park, tight space, house fire, or any other rough areas, Retmex allows rescue workers to safely and quickly carry victims out of the area.

Retmex leaves no one behind. Now, it's your turn.

Piet Hezemans
Tetcon

Introducing The Retmex Models:



COMPACT MODEL

The Compact Model comes with a carabiner to securely clip the Rescue Sheet to your clothing. The Compact Model is ready to go wherever you are.



NOMEX® MODEL

The Nomex® Model is a 2-in-1 rescue solution. It allows you to rescue a person AND it can be used to extinguish a fire.



COMFORT MODEL

The Comfort Model model has PVC handles which increases comfort for the rescuers. It also comes in a small portable bag.

In what scenarios do rescue and first aid professionals use Retmex?



Alcohol
abuse



Injuries
during festivals



Drug
abuse



Traffic
incidents



Riots



House
fires



Injuries during
sport events



Terrorist
attacks



Shootings



Natural
disasters



Unconsciousness



Building
evacuation

NOMEX® MODEL



The Nomex® Model is not just an enhancement but a real revolution, where the best possible protection for rescue teams AND victims are concerned.

It's a 2-in-1 rescue solution, allowing you to rescue a person in need AND to put out fires.

Introducing A Flame-Extinguishing Rescue Sheet

NOMEX® MODEL

Rescue & Extinguish - Retmex let's you do both

When a person's clothing is on fire, you can use the Nomex Model to extinguish the flames. This unique addition to the rescue sheet makes it one-of-a-kind and allows you to move fast when every second counts. To ensure that you can conquer the most critical situations, the Rescue Sheet is made with first-class materials to ensure quality and durability:

Nomex®, Kevlar®, retro reflective straps and highly advanced webbing

Compact storage ensures easy transport

The compact storage ensures that you can easily bring it along when you are out in the field. Use the carabiner to clip the Rescue Sheet to your clothing or other parts of your gear.

Lightweight improves your abilities

To maximize your abilities to move faster, move further, lessen fatigue, and reduce the risk of injury caused by a heavy load, with only 1500 grams, the Retmex Nomex Model is lightweight without compromising on quality or safety.

The details

Article number: 1099602001

Size Carry Sheet: 200×78 cm / 78" - 30"

Size foot sack: 40×80 cm / 15" - 31"

Material: Nomex & Kevlar

Total weight: 1,5 kg / 3,31 lbs

Load limit: 250 kg / 550 lbs

Laundry instructions: 60 degrees, dry on low temperature, do not iron, no chemical cleaning, do not bleach



NOMEX® MODEL

The Only Rescue Sheet That Combines Nomex® & Kevlar®



What's Nomex®?

Built on a 50-year track record, Nomex® provides proven, lightweight and a durable solution for a range of applications and industries. Inherently flame resistant, Nomex® is a Meta-Aramid that is highly resistant to temperature, chemical degradation, and abrasion, making it possible to use the Rescue Sheet to help extinguish flames.



High abrasion resistance

The Rescue Sheet also contains powerful Kevlar® yarns. Kevlar® is a heat-resistant and strong synthetic fiber, which is designed to protect you in extreme situations. Thin for lightweight, Kevlar® ensures a high abrasion resistance, providing extra security for the victim. Nevertheless, please note the structure of the fabric may have been damaged after dragging over a significant distance (the fabric is thin).

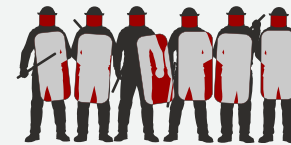


Fire retardant webbing & retro reflective straps

A powerful construction of fire-retardant webbing provides strength and durability to the Nomex® Model. This ensures that the victim's weight is evenly spread on the webbing and not on the fabric, keeping it safe and secure in all situations. The retro reflective straps, which are placed to highlight the clips, ensure visibility in the dark or in areas filled with smoke.

Critical situations

The Nomex® Model is designed for extreme and critical situations, such as:



Riots



House fires



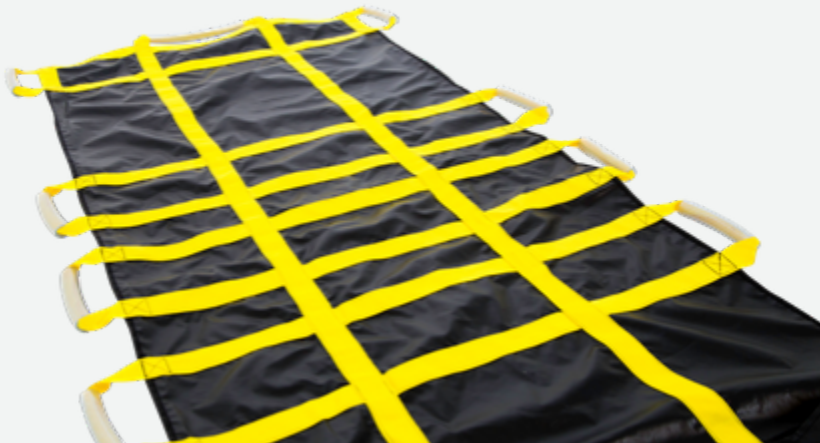
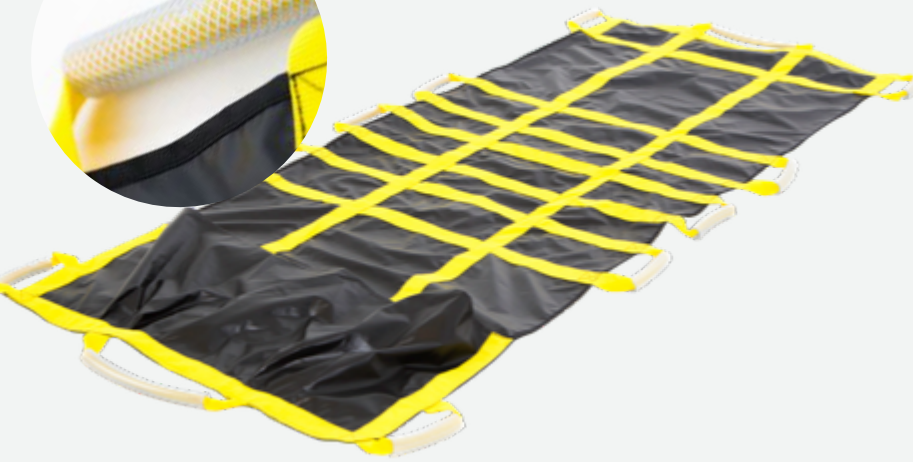
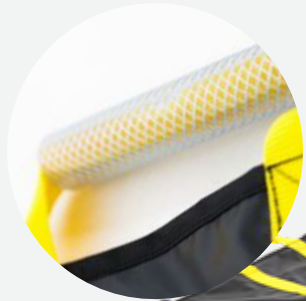
Terrorist attacks

Intensive research

The Retmex Nomex Model was designed in close collaboration with Dutch & Belgian fire fighters. They needed a portable evacuation system to quickly remove victims from areas with smoke and fire. The Nomex® Model is the answer.



COMFORT MODEL



Stretcher transfers made easy

The Comfort Model is designed to make it easier to effectively transfer patients both on and off stretchers. The Comfort Model contains 12 handles and can be used by up to 6 people.

Easy to clean

For hygiene reasons, the fabric is water resistant. It can easily be wiped off .

Foot sack

The foot sack creates extra stability when placing a victim onto the Rescue Sheet.

PVC handles

The PVC on the handles increases comfort for the rescuer.

Small and portable bag

The Comfort Model comes in a small portable bag. After removing the Rescue Sheet from the bag, you open it up so you can place a victim onto the Comfort Model.

The details

Article number: 10PVC76590

Size Carry Sheet: 205×80 cm / 81" – 31"

Size feet section: 40×80 cm / 15" – 31"

Material top side: PU coating

Material bottom side: 100% polyester

Total weight: 1400 gram / 3,10 lbs

Load limit: 250 kg / 550 lbs

Laundry instructions: spray detergent, 60 degrees, dry on low temperature, do not iron, no chemical cleaning, do not bleach

COMPACT MODEL



Creating balance for you and your colleagues

With 12 secure carrying handles, multiple rescue responders can effortlessly balance and carry a patient from the scene quickly. While the Compact Model is designed for the evacuation of immobile patients from hazardous situations and suitable for transferring patients both on and off stretchers, it can also be used inside operating theatres to ensure a safe evacuation.

Yellow webbing on the body zone ensures a double function

Too much friction is placed on the outside of the sheet on previous webbing designs. Webbing placed on the body zone makes sure that you can also use the Retmex Rescue Sheet for sliding when additional help isn't available.

Compact storage

The Compact Model comes with a carabiner to securely clip the Rescue Sheet to your clothing.

Extra stability

The foot sack ensures extra stability.

The details

Article number: 1099876610

Size Carry Sheet: 205×80 cm / 81" – 31"

Size foot sack: 40×80 cm / 15" – 31"

Material top side: PU coating

Material bottom side: 100% polyester

Total weight: 900 gram / 1,99 lbs
















Load limit: 250 kg / 550 lbs

Laundry instructions: spray detergent, 60 degrees, dry on low temperature, do not iron, no chemical cleaning, do not bleach



DIN REQUIREMENTS - 'RESCUE & CARRY SHEETS'

DIN EN 1865.1 is a DIN norm for patient handling equipment used in road ambulances. Due to Retmex's wide variety of applications, it is unlikely that you will only use the Rescue Sheet in road ambulances. Nevertheless, the DIN norm is a proper guideline for creating top-notch rescue and carry sheets. Therefore, the Retmex Rescue Sheets had to match with as many requirements mentioned in the DIN EN1865.1 norm. In some cases, deviation from the norm was necessary since this would enhance the product. The table below features parts of the DIN requirements.

DIN REQUIREMENTS	COMPACT MODEL	NOMEX® MODEL	COMFORT MODEL
Minimum dimensions: Length: minimum 1850 mm Width: minimum 570 mm	 Length 205 cm / 81" Width: 80 cm / 31"	 Length 200 cm / 78,74" Width: 77 cm / 30,31"	 Length 205 cm / 81" Width: 80 cm / 31"
Min. weight capacity / Load limit: 150 KG	 Weight capacity / load limit: 250 kg / 550 lbs	 Weight capacity / load limit: 250 kg / 550 lbs	 Weight capacity / load limit: 250 kg / 550 lbs
Maximum weight: 5 KG	 Weight: 900 gram / 1,99 lbs	 Weight: 1500 gram / 3,31 lbs	 Weight: 1400 gram / 3,10 lbs
Flammability	 Applied tests: EN 597-1, EN 597-2	 Applied tests: EN531, ISO/FDIS 11612, EN 469	 Applied tests: EN 597-1, EN 597-2
Minimum number of handles: at least 3 handles on each longitudinal side.	 5 handles on each longitudinal side	 5 handles on each longitudinal side	 5 handles on each longitudinal side
The lying part shall be made of strong material, which is bacterial resistant, fungal resistant, washable, disinfectable, putrid resistant, waterproof, petrol-oil resistant and allow preliminary x-ray diagnostics.	The lying part of the Compact Model is waterproof, petrol-oil resistant, fungal resistant, anti-bacterial. It is also washable, disinfectable and putrid resistant. It also allows x-ray diagnostics.	The lying part of the Nomex® Model is not waterproof, not petrol-oil resistant, not fungal resistant, not anti-bacterial. It is washable, disinfectable and putrid resistant.	The lying part of the Compact Model is waterproof, petrol-oil resistant, fungal resistant, anti-bacterial. It is washable, disinfectable and putrid resistant. It also allows x-ray diagnostics.

SAFETY INFORMATION

Safety should always be your priority number one.
Therefore, it is recommended that you study this safety information
to minimize injury risks.

- Each Retmex Rescue Sheet comes with a detailed set of instructions concerning the safe use of the Rescue Sheets. To ensure that you use Retmex in a safe and correct way, this information must be read prior to placement and usage.
- Only use the Retmex Rescue Sheets in emergency situations. The Rescue Sheets are not intended for recreational use.
- Not observing the instructions given in the manual provided with the Rescue Sheets may result in serious injuries.
- Practice using the Retmex Rescue Sheets in order to guarantee its correct and safe use in the event of an emergency.
- It is recommended to keep and use one unit for training purposes.
- Sharp edges or protrusions may damage your Rescue Sheet and, therefore, reduce the effectiveness of the product.
- Always check your Rescue Sheet for damages after usage.
- The Rescue Sheet must be folded up and stored away each time after use. Make sure it is clean (check laundry instructions for cleaning).
- Note that if the victim has already been dragged for a significant distance the structure of the fabric may have been damaged.
- Make sure that the place of storage is clean, dry and prevent overexposure to ultraviolet.
- The manufacturer and distributor is not liable for (consequential) damage as a result of the use of the Retmex Rescue Sheets.
- The Retmex Rescue Sheets have a 1-year warranty for material and manufacture faults, which is valid from the date of purchase.
- The manufacturer may ask you for proof of the purchase date. Therefore, it is recommended to keep the invoice in a safe place. Faults or problems with the use of the Retmex Rescue Sheets as a result of an accident, misuse, incorrect use, alterations, vandalism, incorrect placement, incorrect maintenance or administration, as well as overdue normal and routine maintenance, are not covered by the warranty.

Retmex is a brand by



TETCON
TECHNICAL TEXTILE CONCEPTS

COMPLETED

For detailed instruction regarding how to operate the evacuation chair, we always refer to these video in the Digital link Official Training Video for your in house training.

