



**WATER-JEL®**  
TECHNOLOGIES

**Leading The World in  
Pre-Hospital Emergency  
Burn Care**



PART OF **SAFEGUARDMEDICAL**

# Why Water-Jel?



Burn injuries are time sensitive; when burns occur, seconds count. Water-Jel emergency burn care products are effective, versatile and ideal for emergency first aid burn care in any resource limited setting (RLS).

For over 30 years, Water-Jel Technologies remain the global leader in pre-hospital emergency burn care. Safeguard Medical continues to equip, train and support emergency medical and rescue responders around the globe to improve patient outcome and save lives.

Water-Jel emergency burn dressings are easy to apply, giving responders at all skill levels the means and the confidence to manage burn injuries effectively in a resource limited setting (RLS). Burn injured patients can be very complex and expensive, recovery may take weeks, months or years depending upon age and severity of the burn damage.

An effective initial response is important for the patient. Severe burn injuries scar for life!



With Hyaluronic Acid (HA)  
Clear and Odourless

## WHITE PHOSPHOROUS BURNS

An important feature for the tactical environment is Water-Jel's ability to quench white phosphorous. Water-Jel dressings and blankets have been shown to effectively delay re-ignition, supporting safe medical transport on to a military hospital setting.



PROVIDES  
PATIENT  
COMFORT



STERILE, HELPS TO  
PREVENT INFECTION



COOLS ONLY THE BURN  
INJURY (HELPS TO AVOID  
HYPOTHERMIA)



ABSORBS HIGH  
TEMPERATURES  
REMOVING HEAT FROM  
BURN INJURIES

Thermal, Chemical  
(chemical caution),  
Mechanical, Electrical,  
Radiation



CLEAR SOFT GEL ALLOWS  
FOR EASY ONGOING VISUAL  
ASSESSMENT



PORTABLE AND EASY  
TO APPLY IN SECONDS



EXTRA GEL  
"INCLUDED" HELPS  
TO MAXIMISE COOLING  
AND STOP THE  
BURNING PROCESS

# How does it work?

Water-Jel sterile emergency burn dressings consist of a high wet integrity mixed fiber carrier, soaked in a clear soft 96% water-based gel with hyaluronic acid.

Extra Gel, the saturated non-adherent mixed fiber dressing acts like a heat exchanger, conforming easily to all uneven burn injured surfaces, including burnt clothing etc. helping to provide rapid and controlled cooling of the burn injury.



Patient with Partial-thickness Steam Burn

Application of Water-Jel Facial Dressing

Post-treatment with Water-Jel

## KEY BENEFITS OF WATER-JEL



**WATER NOT REQUIRED** - for civilian and military emergency burn dressings

WATER-JEL TECHNOLOGIES® - unique clear odour free soft Jel formula with Hyaluronic Acid



**COOLS** the heat of the burn effectively - providing patient comfort



**96% WATER** based soft Jel - sterile emergency burn dressing



**USER FRIENDLY** - applicable by all responders in seconds



**COMPACT & PORTABLE** - easy to use in any RESOURCE LIMITED SETTING (RLS)

**NON ADHERENT** - unique mixed fibre carrier allows visual re-assessment



**VERSATILE** dressing size range - cooling only the burn surface - not the patient



**UNIQUE UNIVERSAL** hand burn dressing - fits every size of hand - fingers bonded or separate



**THE ORIGINAL** dual purpose facial burn dressing - clinically sized to include the ears

# Emergency Burn Dressings

Water-Jel sterile emergency burn dressings are saturated in a clear soft water-based gel to help stop the burning process and cool the burned area. They provide patient comfort and help to prevent further burn damage and infection. As they cool by a convective action, Water-Jel emergency burn dressings do not support the onset of hypothermia, and do not require on-going support from cool clean running water.



## Water-Jel emergency burn dressings

meet recommendations put forward by international burn care associations, recognizing the best and most cost-effective methods of emergency burn care in resource limited settings (RLS). They have a 5-year shelf life (from date of manufacture) to support international major incident preparedness plans involving all age groups.

The Water-Jel emergency burn dressings are available in a variety of sizes, for ease of use and rapid management of burn injuries located anywhere on the patient's body:

- Face (critical area)
- Head (critical area)
- Hands (critical area)
- Feet
- Flexion joints
- Perineum (Groin area)
- Chest, abdomen and back
- Random Individual burn injuries



## Tactical Burn Dressings

Water-Jel Tactical Emergency Burn Dressings are identical in formula and efficacy.

There are a few key differences in how they are packaged and supplied:

- Design and weight specific for tactical IFAK
- Rugged packaging to withstand operational conditions
- Camouflage olive packaging with easy read tabs

## Burn Kits & Burn Stations

Water-Jel Burn Kits and Emergency Burn Stations are specifically designed to offer a versatile configuration of emergency burn dressings, blankets and gel sachets.

The range is designed to better meet the different work environments of emergency first responders, safety managers, and medical professionals, including: Emergency medical & rescue teams. Both civilian & military trauma hospital EDs, paramedics, emergency medical technicians, first aid responders. international fire & rescue, International police forces, Wilderness ems, mountain rescue teams, coast guard, Sea air rescue, on/offshore refineries, utility companies, maritime industry



## Fire Blankets

Water-Jel Fire Blankets effectively extinguish smoldering clothing and small fires, and are ideally packaged for easy-access storage in front line emergency vehicles, aircraft, water-craft, labs, theaters and all industrial settings. They are available in three sizes: 9672 / 7260 / 3630 stored in rugged hard case canisters and easy store foil pouches.

The blankets are also saturated in our unique soft water-based, water-soluble gel.



## Burn-Jel®

Burn-Jel is our unique 96% water-based gel with hyaluronic acid – exactly the same technology used in our dressings and blankets.

Burn-Jel in a bottle is ideal for small spot burns, as it draws out the excess heat dissipating it quickly and safely.

Burn-Jel is available in boxed batches of 3, 6, 24 or storage boxes of 1000, ready to add to kits in all contexts from domestic and catering settings to emergency services and heavy industry.



## RESOURCE LIMITED SETTING:

- No supply of clean cool running water for 20 minutes - 65 liters/15 gallons per burn injury.
- Any standing water hose supply - water storage tanks, including fire engine reservoirs
- Emergency ambulance in transit (plus decontamination of ambulance after handover)
- Treatment or transport delay for any reason - traffic, breakdown, weather, riots etc.
- Military (austere, wilderness) - Naval (at sea, distance from port)
- All remote and/or hostile locations - standing water, brackish water, sea water
- All Marine transport - pleasure, fishing or commercial craft
- All Aircraft - commercial, private, military, search and rescue (free running water)
- Restricted access to water supply - in vicinity of the burn incident
- Mass burn casualty disaster - multiple burn victims
- Forest, bush and woodland fires

To find out more on how Water-Jel can help improve your patients' outcomes and save lives, please contact us.

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