

A New
Generation
of Professional
Emergency
Burn Dressings
have arrived.

CoolThermTM

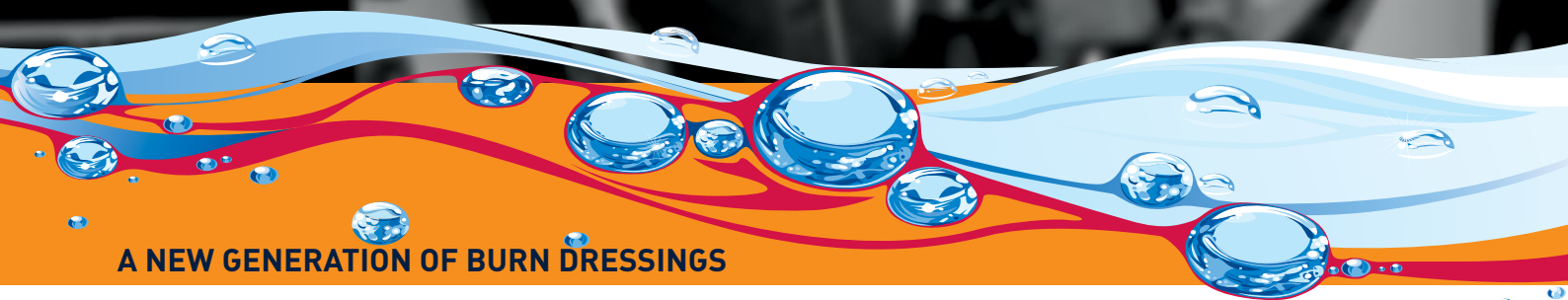
cools the heat - eases the pain

Professional Emergency Dressing for Burns

CoolTherm™

cools the heat - eases the pain

Professional Emergency Dressing for Burns



A NEW GENERATION OF BURN DRESSINGS

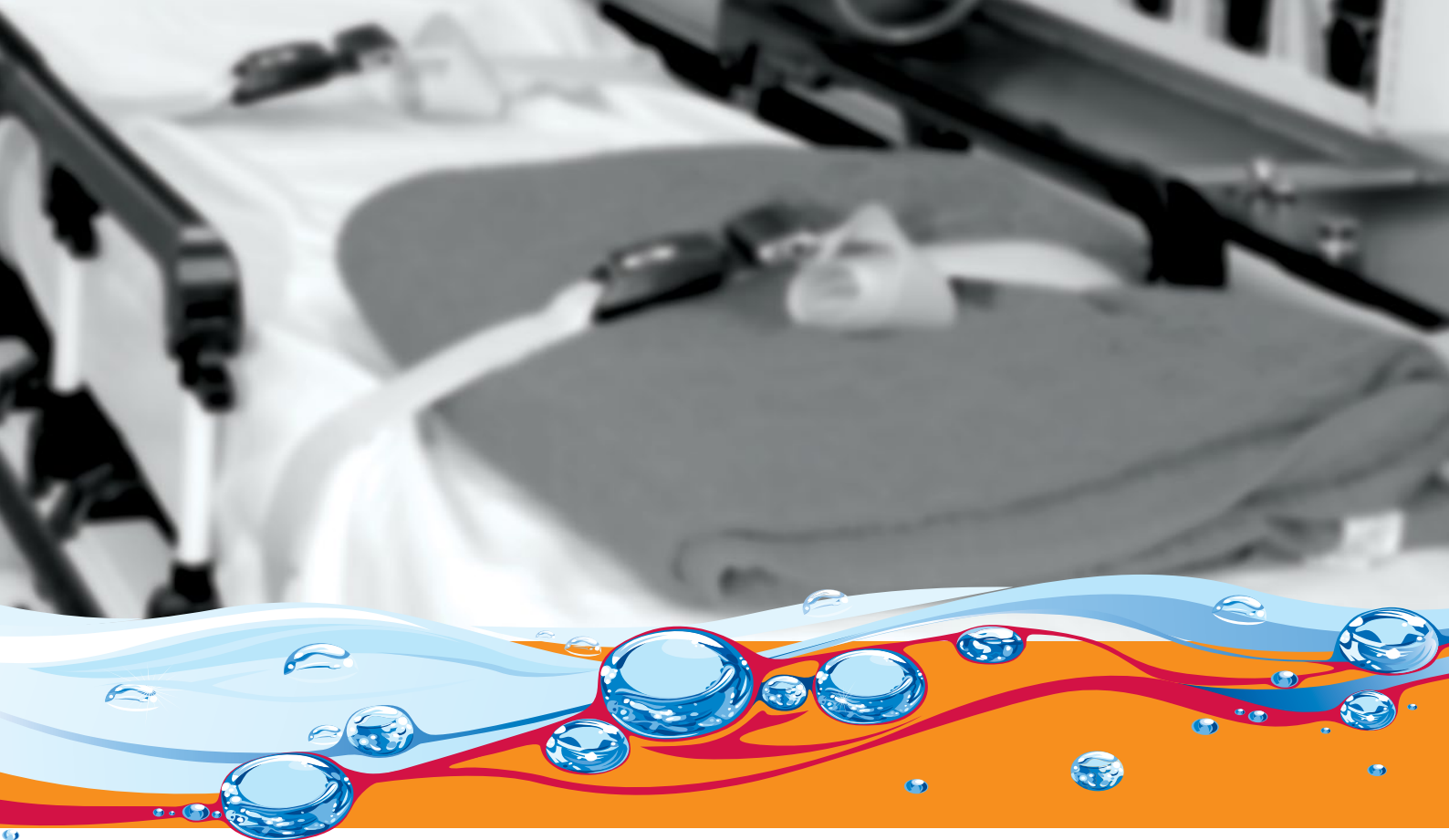
CoolTherm™ A new choice in burn dressings. Non-woven carrier dressing, with increased gel, made for the professional healthcare market.

Using a non-woven dressing, CoolTherm™ challenges the price levels in professional burn dressings. Reliance Medical has completely redefined the standard of emergency water-based burn dressings with tried-and-tested medical technology.

CoolTherm™ employs a proven formula, that has been used worldwide in the first aid treatment of burns for over 25 years.

CoolTherm™ adopts a non-woven carrier dressing that is soft, gentle, and highly conformable, setting new standards in burn treatment.





TUV Rheinland

CE marked by TUV of
Germany to fully conform
to the European Medical
Device Directive 93-42-EEC

Sterile trauma hydrogel burn dressing.

Cools and soothes.

Substantial non-woven dressing.

Minimises trauma and skin damage.

Non-adherent to burnt skin.

Non-toxic.

Non-woven, gel based carrier dressing.

Conformable to enable treatment of the entire burn.

**Benchmarked to the accepted industry standard,
with over 20 years safe use.**

5 years shelf life.

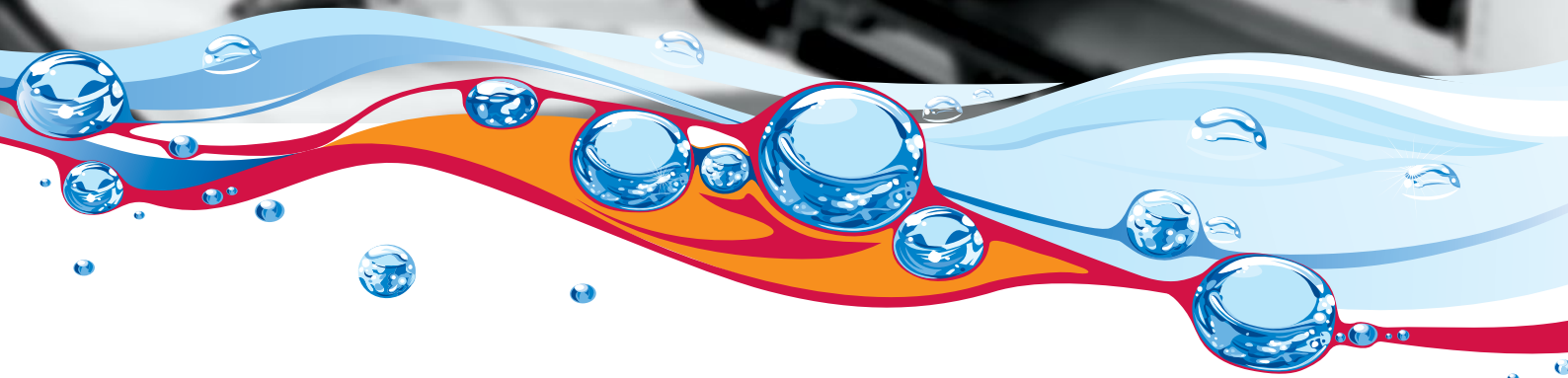
CoolTherm™ provides fast, immediate relief for burns in an emergency.

CoolTherm™ soothes the burn, cools the heat, eases the pain, stops the burn progressing, and protects against contamination.

CoolTherm™ utilises a specially formulated cooling gel, combined with medical grade non-adherent, non-woven pads, that will not stick to the wound.

CoolTherm™ dressings are sterile, ensuring a safe, uncontaminated atmosphere for the emergency treatment of burns.





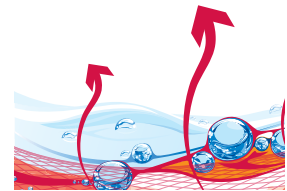
Using time-and-trusted medical technology, **CoolTherm™** has totally redefined the standard of emergency water-based burn dressings.

Utilising a more refined, strong, flexible and conformable carrier dressing material, CoolTherm™ adds a proven water-soluble gel that absorbs the thermal energy from a burn, dissipating the heat, cooling the skin, relieving the pain, and protecting against contamination.

The primary aim of first aid, should be to halt the burning process, cool the burn, provide pain relief, and protect the wound.

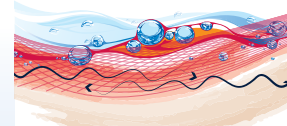
CoolTherm™ arrests the burning process by cooling the skin, relieves the pain by isolating damaged nerve endings from the air, and protects the burn from infection by providing a physical barrier to contaminants.

CoolTherm™ employs a recognised and trusted formula, that has been used worldwide in the first aid treatment of burns for over 25 years, adopting a non-woven carrier dressing that is soft, gentle, and highly conformable - setting new standards in burn treatment.



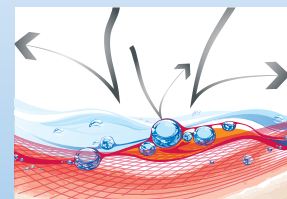
HEAT EXCHANGE

CoolTherm™ absorbs the thermal energy from the burn, dissipating the heat, and cooling the skin...



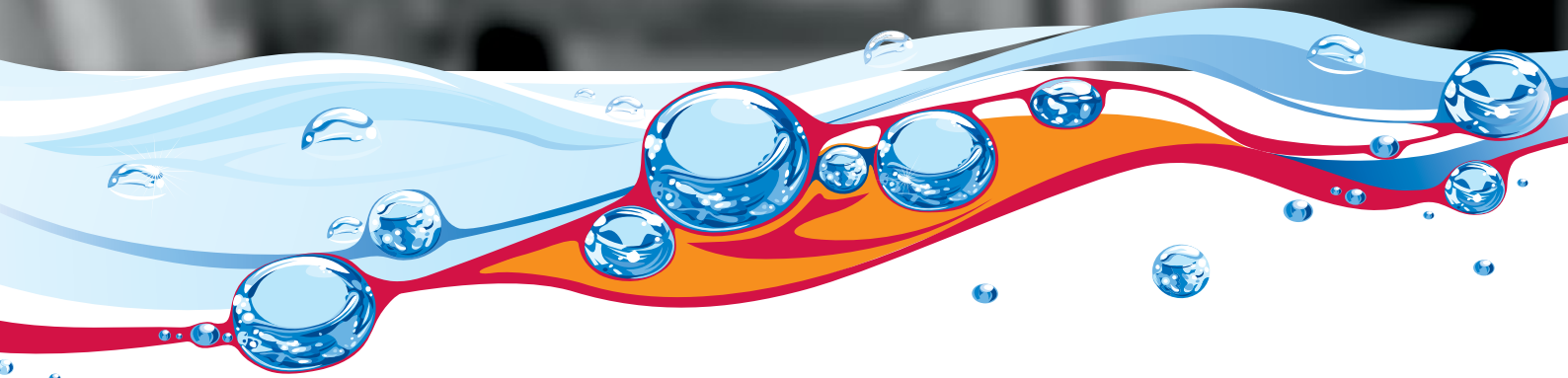
PAIN RELIEF

CoolTherm™ relieves the pain by isolating damaged nerve endings from the air...



BARRIER TO CONTAMINANTS

CoolTherm™ protects against contamination by providing a sterile physical barrier...



The Rule of 9's

The **CoolTherm™** packaging includes an image of the 'Rule of 9's, as an aide-mémoire for medics, helping assess the burn area. Additionally, **CoolTherm™** packaging is marked with the adult and child body area percentages that the dressing will cover. (fig. 1)

Total body surface area (TBSA) is an assessment measure for burns of the skin. In adults, the 'Rule of 9's' is used to determine the total percentage of area burned, for each major section of the body.

In some cases, the burns may cover more than one body part, or may not fully cover such a part. In such cases, burns are measured by using the palm of the casualty as a reference point for 1% of the entire body.

For children and infants, the Lund-Browder chart is used to assess the burned body surface area. Different percentages are used, because the ratio of the combined surface area of the head and neck to the surface area of the limbs, is typically larger in children than in adults.

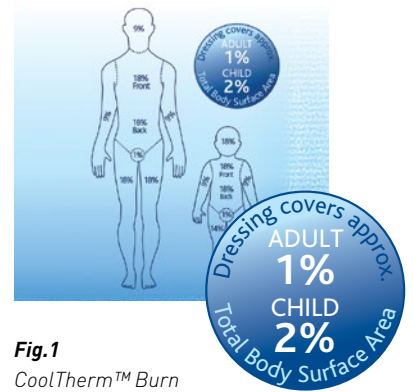
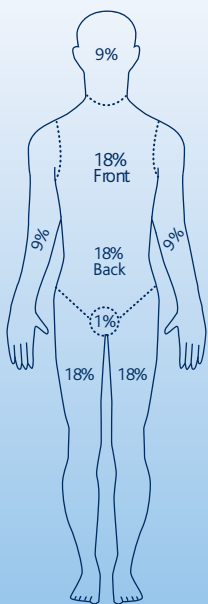
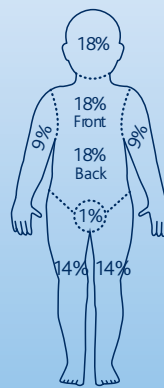


Fig. 1
CoolTherm™ Burn Dressings are clearly marked with both adult and child body area percentages that the dressing will cover.



ADULT

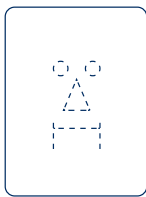
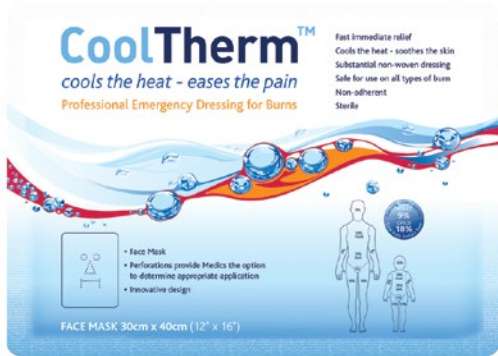
Anatomic Structure	Surface Area
Anterior head	4.5%
Posterior head	4.5%
Anterior torso	18%
Posterior torso	18%
Anterior leg, each	9%
Posterior leg, each	9%
Anterior arm, each	4.5%
Posterior arm, each	4.5%
Genitalia/Perineum	1%



CHILD

Anatomic Structure	Surface Area
Anterior head	9%
Posterior head	9%
Anterior torso	18%
Posterior torso	18%
Anterior leg, each	6.75%
Posterior leg, each	6.75%
Anterior arm, each	4.5%
Posterior arm, each	4.5%
Genitalia/Perineum	1%

Typical values for common groups of humans. (Due to rounding, values may not equal precisely 100%.)



Perforations provide Medics with options on how to apply the dressing

CoolTherm™ Dual Purpose Face Mask Dressing

The CoolTherm™ Face Mask/Large Dressing is uniquely dual-purpose. The eye, nose, and mouth apertures are perforated and can be removed with ease. This allows quick preparation of the dressing for use on a face. Alternatively, leaving the perforated areas in place renders the dressing suitable for covering larger body areas such as a limb or the torso. This dual-purpose design offers additional flexibility, particularly valuable in the space limited environment of an emergency ambulance.

REF	PRODUCT	DESCRIPTION	SIZE	UNIT	PACK
5925	CoolTherm Dual-Purpose Face Mask Dressing	Sterile	30cm x 40cm (12" x 16")	Box of 5	1



CoolTherm™ Gel Sachet

The CoolTherm™ approach to burn treatment, is the unique action of the active gel ingredient, combined with the groundbreaking technology of the non-woven carrier dressing. In some cases, a mild to moderate burn may be awkward to dress. The CoolTherm Sachet delivers the sterile active ingredient directly to broken or unbroken skin, which may then be covered with a light bandage. The sachet may be used to add additional gel to a severe burn where a CoolTherm Dressing is already in place.

REF	PRODUCT	DESCRIPTION	SIZE	UNIT	PACK
5920	CoolTherm Gel, Sachet	Sachet	4g	Box of 25	1



CoolTherm™ Gel Bottle

In cases of minor burns, a dressing may not always be necessary. Topical application of the gel alone to the affected area will soothe discomfort, and relieve pain, while still preventing the progress of the burn on unbroken skin. The CoolTherm™ Spray Gel offers the perfect solution where a dressing is not required, and has the added advantage of a 'non-touch' application.

REF	PRODUCT	DESCRIPTION	SIZE	UNIT	PACK
5928	CoolTherm Gel, Bottle	Bottle	60ml	Box of 6	1

CoolTherm™ Burn Dressing 5cm x 15cm (2" x 6")

The perfect rectangle. Wrists, Knees, Lower Calf, Foot, Forearm, there are literally innumerable uses for this very practical size. Some burns by their nature, result from a hot liquid, or toxic chemical, that very quickly runs down or around the skin. Whether you are dealing with a linear, or a circumference burn, this CoolTherm Dressing with a length three times its own width, is perfectly tailored to deal with injuries like these.

REF	PRODUCT	DESCRIPTION	SIZE	UNIT	PACK
5921	CoolTherm Burn Dressing	Sterile	5cm x 15cm (2" x 6")	Box of 15	1



CoolTherm™ Burn Dressing 10cm x 10cm (4" x 4")

Presenting the most popular size in the range of CoolTherm Dressings. The perfect square of 10cm x 10cm is suited to a majority of injuries. It is ideal for use on the hand (back or palm), arm, leg, torso, or any area of the body where joint movement doesn't inhibit application. The size is small enough for a typical domestic or workplace burn, but large enough to provide protection beyond an average wound perimeter.

REF	PRODUCT	DESCRIPTION	SIZE	UNIT	PACK
5922	CoolTherm Burn Dressing	Sterile	10cm x 10cm (4" x 4")	Box of 15	1

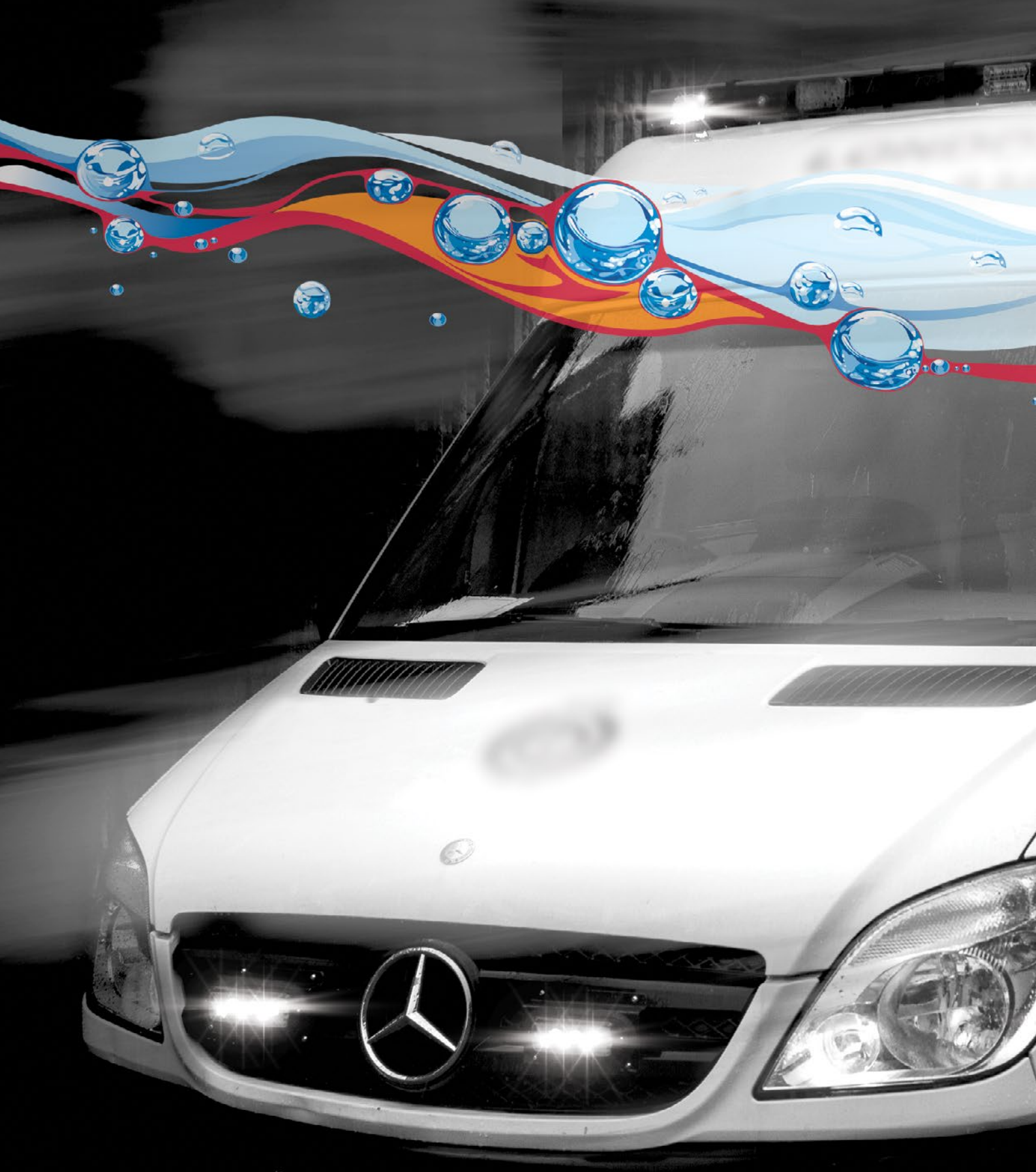


CoolTherm™ Burn Dressing 10cm x 40cm (4" x 16")

This would be the dressing of choice where a burn may require wrapping to achieve effective coverage. Around the limbs, or, depending on the shape and position of the burn, also along the length of the torso (front or back). Providing a length that is four times its own width, makes this CoolTherm Dressing a flexible tool in the arsenal of burn management.

REF	PRODUCT	DESCRIPTION	SIZE	UNIT	PACK
5923	CoolTherm Burn Dressing	Sterile	10cm x 40cm (4" x 16")	Box of 7	1





www.cooltherm.org



RELIANCE MEDICAL
'Leading First Aid'

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