

ABOUT THORZT... **OUR WHY IS YOU...** HYDRATING HARD WORK HYDRATING A MATE CREATING THE BEST TASTING AND QUALITY PRODUCTS TO KEEP YOU HAPPY, HEALTHY AND HYDRATED DAY IN, DAY OUT We're Aussie made, founded by four mates, all elite-level athletes, a couple of us Olympians, who identified that sustained hydration - just as experienced in sporting events - was being sought in the industrial workplace where dehydration is a factor reducing work efficiency and safety. THORZT Our quest is never ending, as research shows that 50-60% of the industrial workforce start the day in a mildly dehydrated state, every day.(4) THORZT.COM | AU: 1800 846 798 | NZ: 0800 846 798 THORZT.COM | AU: 1800 846 798 | NZ: 0800 846 798

DEHYDRATION

IT ONLY TAKES 1% OF DEHYDRATION TO RESULT IN LOWERED PRODUCTIVITY!

Most of us think of dehydration as a summer problem. The days are longer and warmer, you're sweating more. To compensate, you hydrate yourself with THORZT and a balanced diet. What many people don't realise, however, is that it's just as easy to become dehydrated in the winter.

THORZT is the hydration solution for the weekday worker and the weekend warrior so it doesn't matter if you are on a construction site, the footy field, about to ski down a mountain or sitting in an office with the air conditioner on, THORZT has a product for you.

HOW DOES DEHYDRATION OCCUR

Dehydration occurs when fluids and nutrients are lost from the body at a faster rate than they are replaced. This results in an imbalance of the essential components of an efficiently working body. If you don't replace the lost fluids and minerals (electrolytes), you will become dehydrated. Blood is approximately 80% water and is responsible for the efficient transportation of vital nutrients around the body. Any imbalance reduces the efficiency of our bodies.

AS DEHYDRATION INCREASES, SIGNS MAY INCLUDE:

- IRRITABILITY
- DROWSINESS
- IRRATIONAL THINKING
- SKIN INELASTICITY
- FACIAL FLUSHING
- INCREASED PULSE RATE
- DARKER URINE WITH AN ODOUR
- PASSING LESS URINE THAN NORMAL
- SUNKEN EYES
- FATIGUE (FEELING TIRED)

STAGES OF DEHYDRATION

DEHYDRATION ADVERSELY AFFECTS WORK PRODUCTIVITY, SAFETY AND MORALE.(1)

Loss of fluids can affect cognitive abilities, reduce performance and slow reaction times. (2,3,4)

This can lead to reduced output and careless work practices which may contribute to serious accidents in the workplace.

1%

DEHYDRATION

It only takes 1% of dehydration to result in lowered productivity! (9, 4)

2%

DEHYDRATION

APPROXIMATELY

At 2% dehydration, heart rate increases by 8 beats per minute (bpm) which increases perception of effort and reduces body performance by up to 30%. (2, 9)

3%

DEHYDRATION

At 3% dehydration, heart rate increases by 12bpm and performance is reduced by 25-50%. Reaction time is also slowed to levels similar to that of having a 0.08 Blood Alcohol Content (0.03 above the legal driving limit). (4,9)



STATED

In thermally stressful environments (like mine sites) where workers can sweat anywhere from 1L - 2.5L per hour, (3, 4, 11) a specially formulated mixture of electrolytes is required to replace fluid losses and re-establish the correct fluid electrolyte balance. (9,10)

How well you will be hydrated will ultimately depend on the amount of fluids you consume! More fluids = more hydration! Other factors will then affect how well you stay hydrated: - The rate at which you drink - The composition of the drink (sugars, electrolytes, proteins, vitamins). (7, 8, 12)





WATER DOES NOT CONTAIN ALL THE ELECTROLYTES, BCAAS AND VITAMINS YOUR BODY REQUIRES

HOW TO MONITOR HYDRATION IN THREE EASY STEPS!

IT IS IMPORTANT TO MONITOR YOUR HYDRATION TO ENSURE YOU STAY HYDRATED THROUGHOUT THE DAY/NIGHT. LOSS OF FLUIDS CAN AFFECT COGNITIVE ABILITIES, REDUCE PERFORMANCE AND SLOW REACTION TIMES.(2, 3, 4)

STEP ONE: MONITOR URINE COLOUR

The following chart is a guide that outlines when to hydrate based on the colour of urine. If your urine matches the colours numbered 1, 2, or 3 you are hydrated, but keep drinking fluid. If your urine matches the colour numbered 4 through 8 you are dehydrated and need to drink far more fluid.















WARNING

SAFE ZONE

Optimal hydration, keep drinking.

CAUTION Mild dehydration, increase fluid intake.

Severe dehydration. Seek medical attention.

STEP TWO: MONITOR FLUID

Drink 250mls of water every 15 minutes in warm environments. Outdoor Workers: For every 3 cups of water, drink 1 cup of THORZT (3:1). **Indoor Workers:** For every 6 cups of water, drink 1 cup of THORZT (6:1). Increase electrolyte intake when experiencing extreme sweating.

STEP THREE: MONITOR YOUR SIGNS & SYMPTOMS OF DEHYDRATION

Key signs of dehydration:

- Reduced performance
- Slower reaction times
- Thirst
- Weight loss

Each kilogram (kg) of weight loss is equivalent to approximately one litre (L) of fluid.

THE THORZT FORMULA



Electrolytes

Electrolytes are naturally occurring essential minerals that control osmosis or movement of water within the body. Electrolytes also help maintain the acid-base balance required for normal cellular activities.

Common electrolytes include Potassium, Calcium, Sodium, Chloride and Magnesium. The body depends on electrolytes to perform vital functions by sending electrical signals from the brain to nerves that activate your muscles to perform mechanical functions.

Maintaining this electrical capability and voltage output of cellular communication is dependent on electrolytes.

Most bodily functions require electrolytes, especially during neuromuscular processes. When the body loses fluid and electrolytes, both must be replaced for the body to rehydrate, retain fluid and return to efficient functioning before heat illness sets in. (5, 8, 13)

A common result of strenuous physical work or exercise is electrolyte loss. According to research, a deficiency in electrolyte may reduce physical performance and capacity as well as contribute to muscle cramps and weakness and injuries. (7, 13)

Sodium is directly related to the control of body water, enhancing water absorption. Sodium also stimulates thirst, which increases voluntary drinking. The greater the sodium concentration of the hydration beverage the greater the restoration of fluid balance.

Potassium

Also aids in water absorption (lesser extent than Sodium) assists in muscle cramping.

Magnesium

Helps hold onto Potassium - water absorption. Allows the cell to use carbohydrates and amino acids. Assists in muscle cramping.

Help maintain structural integrity of proteins and help regulate gene expression.

Branch Chain Amino Acids

Branch Chain Amino Acids play an essential role in protein synthesis and muscle building as well as recovery, accounting for over a third of Essential Amino Acids.

The addition of amino acids to carbohydrateelectrolyte drinks has been shown to increase fluid retention 15% greater than carbohydrateelectrolyte-only drinks, and 40% greater than water. (12)

Vitamins

The B vitamins are also important for a normal appetite, good vision, healthy skin and nervous system, and red blood cell formation. They function as coenzymes that help the body obtain energy from food and drink. The body needs vitamin C, also known as ascorbic acid or ascorbate, to remain in proper working condition. Vitamin C benefits the body by holding cells together. Since our bodies cannot produce or store vitamin C, an adequate daily intake of this nutrient is essential for optimum health. (15)

99% SUGAR FREE HYDRATION POWDERS

THORZT is a great tasting, scientifically proven mix of cutting edge vitamins, minerals and amino's. All formulated for rapid re-hydration.

Designed to maintain mind and body function at a cellular level, THORZT can boost your physical and mental potential, relieve muscle pain, cramps and spasms, reduce anxiety and sleep disturbance and improve the body's stress response.

CHOOSING THE RIGHT ELECTROLYTE DRINK





HYPOTONIC

% CARBOHYDRATES: Less than 4%

OSMOTIC PRESSURE: Lower than bodily fluids

RATE OF ABSORPTION: Faster than water

BEST USED FOR:Rapid Rehydration

ISOTONIC

% CARBOHYDRATES:

OSMOTIC PRESSURE: Same as bodily fluids

RATE OF ABSORPTION: Same as water

BEST USED FOR: Rehydration / Energy

HYPERTONIC

% CARBOHYDRATES: Greater than 8%

OSMOTIC PRESSURE:Greater than bodily fluids

RATE OF ABSORPTION: Slower than water

BEST USED FOR:

AUSTRALIAN MADE SUPPLEMENTARY HYDRATION DRINK MADE FOR EXTREME MONADE. LEMON LIME. TROPICAL.

THORZT.COM | AU: 1800 846 798 | NZ: 0800 846 798

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99% SUGAR FREE POWDERS





SSSFBL









SSSFTR



SSSFMIX

99% SUGAR FREE SOLO SHOTS

- 99% Sugar Free
- · Available in 5 delicious flavours Blue Lemonade, Lemon Lime, Orange, Tropical, Wild Berry
- · Gluten and caffeine free
- Proprietary electrolyte formula inc. Sodium, Potassium and Magnesium
- Proprietary blend of B and C group vitamins, L-Glutamine and essential Branch Chain Amino Acids
- 3g solo shot sachet makes 600ml
- Pack Qty: 50 x 3g/600ml sachets per pack Ctn Qty: 10 x packs of 50 x 3g/600ml sachets









*Sodium, potassium & magnesium formula



99% SUGAR FREE **POWDERS - 5 PACK**













THVP5-WB

THVP5-BL

THVP5-LL

THVP5-OR

THVP5-TR

THVP5-MIX

99% SUGAR FREE SOLO SHOT

- 99% Sugar Free
- · Available in 5 delicious flavours Blue Lemonade, Lemon Lime, Orange, Tropical, Wild Berry
- · Gluten and caffeine free
- Proprietary electrolyte formula inc. Sodium, Potassium and Magnesium
- Proprietary blend of B and C group vitamins, L-Glutamine and essential Branch Chain Amino Acids
- 3g solo shot sachet makes 600ml
- Portion control distribution with vend ready pack and retail packs
- Pack Qty: 5 x 3g/600ml sachets per pack Ctn Qty: 100 x packs of 5 x 3g/600ml sachets











*Sodium, potassium & magnesium formula

FREE POWDERS

SUGAR

HYDRATION ICY POLES

Initially trialled in 2003 with athletes and studied prior to the 2008 Beijing Olympics, (6, 14) the ingestion of ice was shown to be a superior method of lowering core body temperature than fluids served at 4°C.

In addition to the cooling benefits, crushed ice ingestion also improved endurance performance in the heat. The cooling benefits observed for elite athletes have been replicated in occupational settings. Firefighters wearing protective clothing while working in an extremely hot fire cell were able to lower their core body temperature more effectively when they consumed crushed ice during a rest break than the standard practice of resting in the shade with a cold drink. (16)



ICEMIX

ICY POLE MIXED FLAVOUR PACK

- · Low in sugar
- Gluten and caffeine free
- Proprietary electrolyte formula inc. Sodium, Potassium and Magnesium
- Available in 5 delicious flavours Blue Lemonade, Lemon Lime, Orange, Tropical, Wild Berry
- When frozen, simply snap and twist the Icy Pole, breaking it in half
- Pack Qty: 10 x 90ml tubes per pack Ctn Qty: 15 x packs of 10 x 90ml tubes





CAFFEINE & GLUTEN





*Sodium, potassium & magnesium formula





STAINLESS STEEL DRINK BOTTLE



DB750SS-S

750ML STAINLESS STEEL DRINK BOTTLE

- Vacuum insulated double walls
- Made of food grade 18/8 stainless steel
- Eco-friendly
- Shockproof and shatter proof
- Rust and leak proof
- BPA-free non-toxic
- Keeps cold up to 24 hours
- Keeps hot up to 12 hours



VACUUM INSULATED DOUBLE WALLS



2 ENVIRONMENTALLY FRIENDLY



KEEPS HOT FOR 12HRS



BPA-FREE NON-TOXIC



KEEPS COLD FOR 24HRS



DRINK BOTTLES



DB800

SPORTS DRINK BOTTLE 800ML

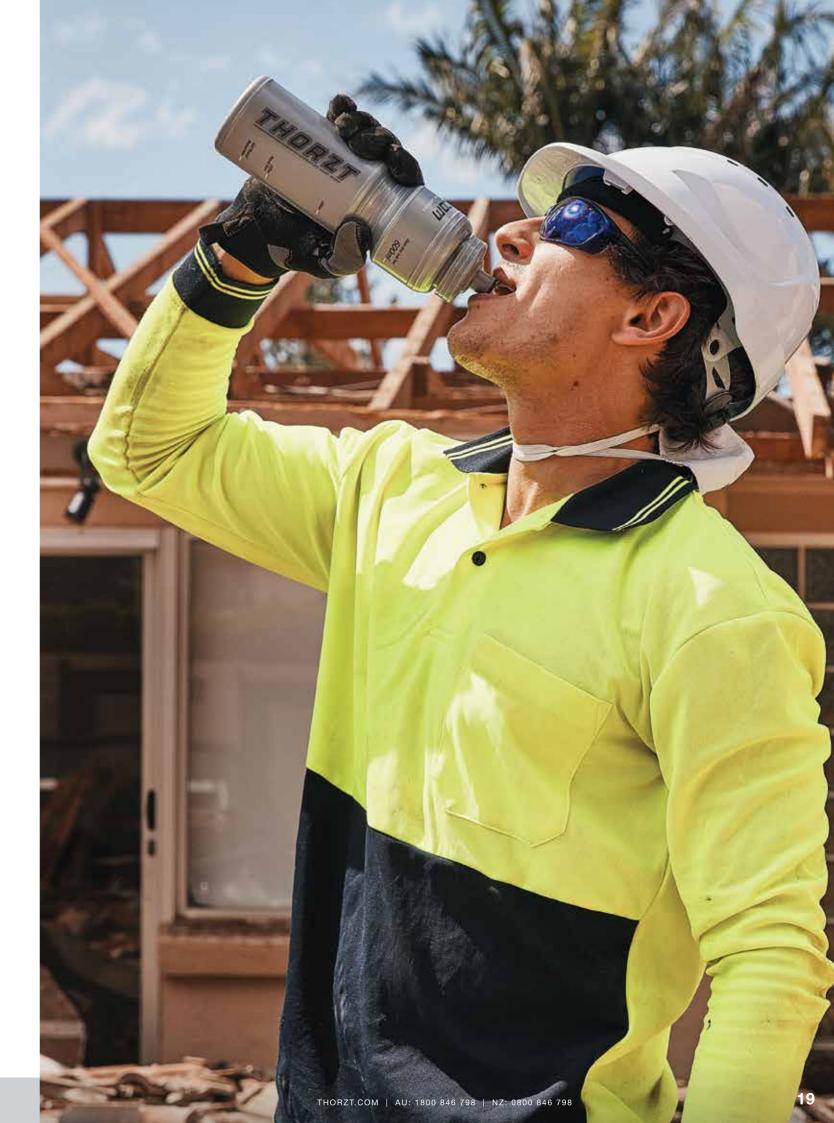
- Wide access for easy insertion of ice cubes
- Extra 200ml of space for ice or lighter mix taste
- Side window to monitor drink levels
- Easy to grip body.
- BPA-free
- Simply add one THORZT Solo Shot sachet to the drink bottle for the perfect mix and thirst quenching experience.



BP

BOTTLE POUCH

- Ideal for THORZT 800ml and 750ml drink bottles
- Riveted at stress points for maximum strength
- Double stitched for durability
- Retro-reflective strip for increased visibility
- Fits most belt sizes up to 70mm width



COOLERS

Independent testing showed THORZT coolers were able to maintain superior cooling results compared to that of other brands on the market. Tested for up to 8hrs at 40 deg heat, the temperature in the coolers rose by less than 1°C. THORZT's unique insulation properties were able to deliver superior results, keeping your fluids cooler for longer.

FEATURES:

• Robust design with wide base for stability • Superior insulation to maintain coolness • Impact resistant exterior



SUPERIOR INSULATED COOLERS



ROBUST & STURDY DESIGN



DC025B

2.5L DRINK COOLER

- · Screw top lid to give wide access for ease of cleaning and filling with ice
- Easy pour spout
- Detachable drinking cup (400ml)



DC05B-NT

5L DRINK COOLER - NO TAP

- Dual screw top lid to give wide access for ease of cleaning and filling with ice
- Easy pour spout
- Detachable drinking cup (400ml)
- Internal Volume Markings for accurate pour/ measurement when mixing electrolytes



DC05B

5L DRINK COOLER

- Dual screw top lid to give wide access for ease of cleaning and filling with ice
- Easy pour spout Detachable drinking cup (400ml)
- Recessed push button tap to protect and reduce damage
- Internal Volume Markings for accurate pour/measurement when mixing electrolytes



DC10B

10L DRINK COOLER

- Screw top lid to give wide access for ease of cleaning and filling with ice
- · Screw tap for consistent flow and drip free shut off



DC20

20L DRINK COOLER

- · Screw top lid to give wide access for ease of cleaning and filling with ice
- · Screw tap for consistent flow and drip free shut off
- 20 litre capacity



DC55B

55L DRINK COOLER

- Screw top lid to give wide access for ease of cleaning and filling with ice
- Screw tap for consistent flow and drip free shut off
- 55 litre capacity



IB21B

21L ICEBOX

- · Robust design with wide base for stability
- Superior insulation to maintain coolness
- Impact resistant exterior
- BPA-free

ACCESSORIES



TAPS TO FITS MODELS:

• DC05B • DC050



TAPS TO FITS MODELS:

• DC10B • DC20 • DC55B



DC025C
DRINKING CUPS TO
FIT MODELS:

• DC025B



DC025L LIDS TO FIT MODELS:

• DC025B



DC05-C
DRINKING CUPS
TO FIT MODELS:

• DC05B • DC050 • DC05B-NT



DC05-L LIDS TO FIT MODELS :

• DC05B • DC050 • DC05B-NT

COOLERS

COOLERS

3L HYDRATION BACKPACKS



BP25O/BP25Y

3L HYDRATION BACKPACK

- Stylish, slimline design
- 3 litre bladder
- Cold cell insulation keeps water cool for hours
- · Velcro tabbed protective cover
- Fully adjustable straps with quick release buckle to reduce risk of snag injuries
- V-Form retro reflective strips for low light visibility
- High-Vis yellow and High-Vis orange colour options provide added safety











2L HYDRATION BACKPACKS



BP25B

2L HYDRATION BACKPACK

- Stylish, slimline design 2 litre bladder
- Cold cell insulation keeps water cool for hours Velcro tabbed protective cover
- Fully adjustable straps with quick release buckle to reduce risk of snag injuries
- V-Form retro reflective strips for low light visibility 3 waterproof zip pockets













NEOPRENE INSULATED HYDRATION TUBE

- Neoprene Insulated Hydration Tube
- 5.5mm diameter rapid liquid flow tube Quick release for easy cleaning
- Bite valve automatic flow/shut-off for hands free hydration
- Includes cover attachment to keep it clean and hygienic UV resistant



BPB | BPB2

REPLACEMENT BLADDERS

- Ethylene-Vinyl Acetate Copolymer (PVA), BPA-Free
- Large 55mm diameter filling port (accommodates addition of ice)
- Flexible, shock-proof Slide lock opening for hygienic cleaning
- BPB: 3L Bladder BPB2: 2L Bladder

HYDRATION BACKPACKS



HEAT RELATED ILLNESSES

(17, 18)

YOUR BODY HAS SYSTEMS IN PLACE TO CONTROL THE INTERNAL TEMPERATURE

Heat stress is a condition where your body loses its ability to control the internal temperature and finds it difficult to remove excess heat. It causes the body's core temperature to increase (above 37.5°C), resulting in conditions like heat rashes and muscle cramps.

It can also cause your heart rate to increase, irritability and makes it difficult to focus on a task. In severe cases, heat stress can lead to heat stroke and heat exhaustion causing very high body temperatures, confusion, nausea, dehydration, fainting, and even death.





IF STEPS ARE NOT TAKEN TO REDUCE BODY TEMPERATURE, HEAT EXHAUSTION CAN WORSEN AND BECOME HEAT STROKE

HEAT EXHAUSTION

Symptoms: Heat Exhaustion is the early symptom of heat stroke and the body's response to an excessive loss of fluids, and essential electrolytes, usually through sweating.

It is characterised by:

- Heavy sweating Paleness
- Tiredness Weakness
- Dizziness Cold and Clammy skin
- Vomiting Fast and weak pulse
- Headache Fast shallow breathing

Treatment: Stop work immediately. Replenish fluids (with electrolytes like THORZT). Move to a cool place, out of the sun and away from any heat sources. Take action to cool down (remove heavy PPE clothes, apply cooling apparel like THORZT Chill Towel, THORZT cooling vest, THORZT Scarf, sponge with cold water). Cool down further by taking a cool shower or bath. Seek medical attention if symptoms worsen or last longer than one hour.

PEOPLE WHO WORK IN INDUSTRIAL WORKPLACES ARE ALWAYS AT RISK OF DEHYDRATION



HEAT RASH

Symptoms: Mild inflammation of clogged sweat ducts. It may occur from profuse sweating and wearing heavy work uniforms and PPE. The blocked ducts prevents the sweat coming to the skin surface to evaporate. The rash is characterized by small, raised bumps (like coarse sandpaper) spread evenly across small patches of skin.

Treatment: Move to a cooler, less humid environment. Keep the affected area dry.



HEAT CRAMPS

Symptoms: Heat cramps are muscle spasms that result from loss of large amounts of electrolytes and water. Sweating depletes the body's salt and fluid levels that can cause these muscle cramps (especially when undertaking strenuous activities or work). This can be dangerous when working in certain job situations. Heat cramps are associated with cramping in the abdomen, arms and calves.

Treatment: Drink water and electrolyte replacement solution like THORZT. Rest in a cool environment and do not return to strenuous activity until the cramps have ended.



HEAT STROKE

Symptoms: Heat stroke is the most serious form of heat injury. It is caused when your body temperature rises >40°C by prolonged exposure to excessive heat or heat and humidity. The heat-regulating mechanisms of the body become overwhelmed and unable to cool yourself down, causing the body temperature to climb uncontrollably

It is characterised by:

- High body temperature
- Disorientation
- Confusion
- Throbbing headache
- Rapid strong pulse
- Nausea

Red hot dry skinUnconsciousness

Treatment: Call 000 for immediate medical assistance. Move to a cool place with circulating air. Remove or loosen any unnecessary clothing, including PPE. Use a fan to direct a gentle airflow over the body. Apply THORZT chill towel, THORZT cooling vests, THORZT scarf or cold packs or wrapped ice to neck, groin and armpits. Monitor body temperature and continue cooling efforts until body temperature drops below 38.5°C. If fully conscious, drink cool, but not cold, water with electrolyte solution like THORZT.



EVAPORATIVE COOLING SLIP-OVER VEST









ACTIVATION

1 to 2 minutes.

3. Wear to activate.

and moist.



CSOVBK

1. Submerge the THORZT Cooling Slip Over Vest

in any temperature water and let it soak for

2. Wring out the excess water, leaving it nice

CSOVY

CSOVS

csovo

CSOVB

EVAPORATIVE COOLING SLIP-OVER VEST

- · When wet, stays cool while you're active
- Simple slip over vest
- Comfortable, quilted polyester outer with unique polymer cooling fabric inner
- · Hand washable doesn't effect cooling
- Lightweight and durable
- One Size Fits Most



HAND WASH





EVAPORATIVE COOLING VEST



SIZING					
SIZE	CHEST	FRONT LENGTH	SIZE	CHEST	FRONT LENGTH
xs	79-84	51	XL	109-114	56
s	86-91	52	2XL	117-122	60
М	94-99	53	3XL	125-130	63
L	102-107	54			

ECVHVY

EVAPORATIVE COOLING VEST

- Simple V-neck with zipper closure; works for a wide range of people and uses
- · Can provide hours of cooling relief per soaking
- · Lightweight, easy to activate, and durable
- Comfortable quilted nylon outer with unique polymer cooling fabric inner, water repellent nylon liner, and black poly-cotton trim
- · Hand washable, doesn't effect cooling

ACTIVATION

- 1. Submerge the THORZT Cooling Vest in any temperature water and let it soak for 1 to 2 minutes.
- 2. Wring out the excess water, leaving it nice and moist.
- 3. Wear to activate.











ZIPPER CLOSURE

COOLING APPAREL

BEEVENTION COOLING RANGER HAT and provides an instant cooling effect. Battling heat stress in the workplace can be through prevention or treatment, and there is only one way to achieve this - by cooling down the body's core temperature. An effective way of preventing heat stress is by wearing THORZT cooling apparel. TARONT COOLING WRIST BANDS COOLING CROWN PAD TO FIT HARD HATS Promotes heat exchange at the wrist, an area of high blood flow, enabling the cooled blood to quickly circulate around the rest of the body. Comfortable, reusable and very durable. Prevents heat escaping and provides instant cooling effect. Suitable for most hard hats. THORZE COOLING Microfiber Evaporative Cooling. UPF 50 chemical-free production. CHILLTOWEL Prevents heat escaping and provides an instant cooling effect. Promotes thermoregulation. Comforts and cools the skin. Looks as cool as it feels. COOLING BROW PAD TO FIT HARD HATS Comfortable, reusable and very durable. Prevents heat escaping and provides instant cooling effect. Suitable for most hard hats. 33 THORZT.COM | AU: 1800 846 798 THORZT.COM | AU:

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COOLING APPAREL



CSB

CHILL TOWEL

- Promotes thermoregulation
- · Comforts and cools the skin
- Looks as cool as it feels
- Machine Washable

ACTIVATION

- 1. Soak and submerge in water..
- 2. Wring out the excess water, leaving it nice and moist.
- 3. Take hold of two corners, and wave it up and down for about 10sec.
- 4. Wrap it around your neck or other warm point on the skin for instant cooling relief.

REACTIVATION

Give it a quick wave every 15-20 minutes to reactivate the cooling process. Re-wet every few hours if needed.



CCRB

CCRB | CCB

COOLING CAP

- Cooling Cap with Evaporative Cooling Brow Band
- · Adjustable ties at the nape of the neck
- · Ideal for wearing under a helmet, hard hat or alone
- · When wet, stays cool while you are active
- Absorbent when dry, perfect for absorbing moisture
- Use for hours at a time, simply re-wet to reactivate
- · Lightweight and durable
- · Machine washable cooling ability is not affected, reuse again and again

ACTIVATION

- 1. Submerge the THORZT Cooling Cap in any temperature water and let it soak for 1 to 2 minutes.
- 2. Wring out the excess water, leaving it nice and moist.
- 3. Wear to keep cool.

COOLING APPAREL







CSHVO



CSHVY

COOLING SCARF

- Microfiber evaporative cooling
- UPF 50 chemical-free production
- Lightweight stretch fabric with non-chafing elastic ends for comfortable cooling that will stay put
- Multi-purpose: protects from sun, defends against dust and debris, and keeps you cool at the same time
- · Machine washable cooling ability is not affected, reuse again and again

ACTIVATION

- 1. Submerge the THORZT Cooling Scarf in any temperature water and let it soak for 1 to 2 minutes.
- 2. Wring out the excess water, leaving it nice and moist.
- 3. Wear to keep cool.

MULTIPLE WAYS TO WEAR











COOLING APPAREL

COOLING APPAREL

COOLING APPAREL



CTB | CTRB

- Promotes thermoregulation
- Reduces heat stress risks
- Comforts and cools the skin
- · Looks as cool as it feels

ACTIVATION

Submerge your Cooling Tie in cold water for 15-20 minutes then wrap it around the neck, head or wrist (ideally at a pulse point) to immediately feel the cooling effect. You can also place the tie in the fridge or freezer overnight, then store in your esky/cooler on site for use later in the work day.

Cooling ties can be re-used as needed throughout the day by re-submerging in cold water for several minutes. However, it should be stressed that whilst this will deliver a refreshing feel, the main benefits of the ties come from the prolonged evaporative cooling that occurs over long periods.



CWBB

COOLING WRIST BANDS

- · When wet, stays cool while you're active
- Hook and loop closure for custom fit
- Comfortable, cool mesh polyester outer with unique polymer cooling fabric inner
- Hand washable doesn't effect cooling
- Lightweight and durable
- One pack includes two Cooling Wrist Bands

ACTIVATION

- 1. Submerge the THORZT Cooling Wrist Bands in any temperature water and let it soak for 1 to 2 minutes.
- 2. Wring out the excess water, leaving it nice and moist.
- 3. Wear to activate.



СВРВ

COOLING BROW PAD TO FIT HARD HATS

- When wet, stays cool while you're active
- · Rear elastic panel ensures a comfortable fit for all
- Comfortable, cotton outer with unique cooling fabric inner
- Hand washable doesn't effect cooling
- Lightweight and durable

ACTIVATION

- 1. Submerge the THORZT Cooling Brow Pad in any temperature water and let it soak for 1 to 2 minutes.
- 2. Wring out the excess water, leaving it nice and moist.
- 3. Wear to activate.

COOLING APPAREL



ССРО

COOLING CROWN PAD TO FIT HARD HATS

- When wet, stays cool while you're active
- Hook and loop attaches easily to hard hat liner
- Comfortable, polyester mesh outer with unique polymer cooling fabric inner
- · Hand washable doesn't effect cooling
- · Lightweight and durable

ACTIVATION

- 1. Submerge the THORZT Cooling Crown Pad in any temperature water and let it soak for 1 to 2 minutes.
- $\ensuremath{\text{2.Wring}}$ out the excess water, leaving it nice and moist.
- 3. Wear to activate.



CRHKM | CRHKL

COOLING RANGER HAT

- When wet, stays cool while you're active
- Adjust with convenient strap clincher
- Lightweight and durable
- Comfortable, breathable outer with unique polymer cooling fabric inner
- Hand washable doesn't effect cooling
- Low profile hook and loop size adjustment
- Sizes: Medium CRHKM 58cm
- Large CRHKL 60cm

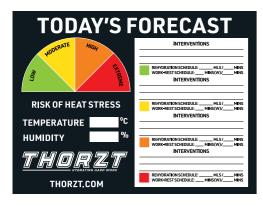
ACTIVATION

- Submerge the THORZT Cooling Ranger Hat in any temperature water and let it soak for 1 to 2 minutes.
- $\ensuremath{\text{2.}}\xspace$ Wring out the excess water, leaving it nice and moist.
- 3. Wear to activate.

COOLING APPAREL

COOLING APPAREL

HYDRATION ACCESSORIES



THOIHS

HEAT STRESS SIGNS-TODAY'S FORECAST

- Educational awareness
- · Simple and can be displayed on site as a constant reminder to workers
- Size: 900mm x 1200mm



THOHG

HEAT STRESS SIGNS-ARE YOU HYDRATED

- · Educational awareness
- · Simple and can be displayed on site as a constant reminder to workers
- Size: 900mm x 1200mm



PENUSG

REFRACTOMETER USG PEN

- · Digital refractometer for a more accurate Urine Specific Gravity (USG) reading
- Delivers a nearly instantaneous result of USG
- · Automatically calibrates itself to water and is ready to use in seconds
- · LCD display is easily read, even with dim light
- While urine colour works well as a quick and easy guide, a far more accurate reading can be attained by using a Refractometer. The ATAGO Pen Refractometer (Model No. 3471) is designed to measure USG (Urine Specific Gravity), being a more effective and efficient way to assess hydration status. Lighter coloured urine is more dilute (i.e. it has

less molecules per volume) and has a specific gravity closer to that of water (1.00), indicating a good hydration status.



POWER COOLER MISTING FAN

The THORZT Power Cooler Misting Fan is a unique cooling system that creates a comfortable, cool environment both indoors and outdoors.

- Reduces temperatures by up to 15°C
- Cools up to 300 m2
- Integrated easy fill 60 L water tank
- · Plays a vital role in heat illness prevention
- · Robust design with wheels for mobility one person move

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ACCESSORIES

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INDUSTRIAL ATHLETE PROGRAM

We created our programs and education built for Industry... designed from all the feedback you asked for help with by our expert team within THORZT, who also happen to be Olympians so we can hydrate hard work of any kind...

IF THE FOLLOWING EXAMPLES HELP DESCRIBE YOUR WORKPLACE OR TEAM, YOU'RE NOT ON YOUR OWN.

- Time poor to develop and roll out educational awareness programs
- Ad hoc hydration program when it gets hot
- Reactive in summer
- Needing something that is sustainable and repeatable that work teams 'GET'

HOW WE CAN HELP... BENEFITS OF THORZT'S INDUSTRIAL ATHLETE PROGRAM

- Delivers educational toolboxes and conversations around dehydration, heat stress and fatigue in the workplace
- Sustainable and repeatable programs specifically for the workers
- Empowers management
- Educates workers and drives hydration adoption
- Better health
- Increased energy
- Improved mood
- Improved workplace morale
- Greater productivity
- Increased safety

PROGRAM LEAD: DAVID RHODES & LUKE MICHAEL

THORZT's Industrial Athlete Program is run by David and Luke. Given their history, David and Luke are well positioned to discuss the parallels between industrial workers and athletes, and how the THORZT program has been designed.

"It's not all about drinking electrolytes, they aren't the silver bullet. It's about knowledge and understanding we can over complicate things. It's about doing the basics really well, and knowing where THORZT can play a role, we then surprise ourselves with the positive results we can get in our heat stress and hydration solutions."

HOW WE DO THIS FOR YOU...



ANALYSE CURRENT PROGRAMS AND OBJECTIVES.



IMPLEMENT

Training, testing, programmed drinking and cooling strategies.



ASSESS AND REVIEW

Continued testing, data tracking, education and program review.



REDUCE ASSOCIATED COSTS

Via less heat stress, dehydration incidents on site, programmed drinking reducing over consumption of electrolytes.



HYDRATION TESTING



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SHARING DATA FOR CONTINUED LEARNING AND IMPROVEMENT.



SUPPORT VIA OUR THORZT HOTLINE

MANAGED BY OUR EXPERIENCED THORZT TEAM WHO DELIVER:



SERVICE EXCELLENCE

Product knowledge, industry knowledge, customer enquiry.



EXPERTISE

To find solutions for any of our customers needs.



25+ SALES KEPKESENTATIVES

Up-skilling your team and connecting end users with distributors across Australia & New Zealand.



6 AUS/NZ DISTRIBUTION HUBS

Across Australia & New Zealand for floor to store fast delivery.



100+ YEARS

Combined experience & knowledge in understanding hydration.



KESOURCE LIBRARY

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- Marketing assets
- Site audits, best practice
- Educational white pages



Global Provider of Innovative Safety Products

PIP Global Safety is the world's fastest growing global supplier of personal protective equipment and industrial safety products. With over 40 years of safety expertise, industry-leading brands, quality products and best-in-class customer service, we're committed to being your trusted business partner.

Each day we seek to develop, train and provide our customers with innovative safety products that help keep workers safer, more comfortable and more productive. We work with our distributor partners to deliver best-in-class customer experiences by providing a comprehensive product offering, world-class sales tools and efficient processes.

Our strategically positioned manufacturing facilities around the world enable us to provide safety solutions that are tailored to customer needs. These factories work with our team of product managers, specialists and field quality control technicians to ensure the highest level of product performance and secure proprietary technologies that support us being first to market.

Our slogan 'Bringing the Best of the World to you' is not just about products, it is also about knowledge,

our long-standing history of developing innovative solutions that protect end-users and our commitment to serving our customers better than anyone else in the market. We are here to support you by solving problems in a cost-effective way, and to keep workers safe and performing at their best.

PIP Global Safety recently acquired Paramount Safety Products and Bisley Workwear to secure best-in-class representation in the APAC region.

































OUR BRANDS (APAC)







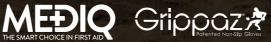




















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