



# 2018-2019 ICEPLATE SAFETY VEST BROCHURE



ICEPLATE • ICEPLATE SAFETY VEST • ICESHIELD HAND WARMER • ICEVENTS SHOULDER PADS

UPDATED FEBRUARY 2019

# ICEPLATE SAFETY VEST

## OVERVIEW

IcePlate Safety Vest (IPSV) is powerful, multi-purpose Personal Protective Equipment (PPE) that combines high-visibility compliance and multiple work functions into a single piece kit. With powerful cooling and warming capability provided by the IcePlate engine, IPSV is the only Safety Vest that extends shift times and virtually eliminates temperature-related illness.

## COLORS



## OPTIONS



## SIZES



## FEATURES

- Each IcePlate holds 1.5L of water (Total of 3L front+back).
- Drinkable version provides hands-free hydration in addition to thermoregulation.
- Fill and Freeze for 140W of Cooling Power over 2-3 hours. Fill with hot water for hours of heating.
- Cooling/Warming version features closed IcePlates for conductive thermoregulation only.
- Outward facing materials are 360° HiVis Safety Yellow and Reflective, featuring 3M Scotchlite.
- Tool Belt adds additional high visibility background material and reflectivity for safety and compliance; also features purpose built pockets to hold radios, first aid, phones, batteries, etc.
- Body-facing black nylon limits condensation in humid climates and presents a clean look, reducing maintenance.
- Sleeve material is machine washable.
- Loop field for custom branding and personalization
- Detachable shoulder straps are adjustable and can be easily replaced.
- Bottom Zipper Access Port for easy IcePlate insert/removal
- IceShield Hand Warmer (optional) provides winter comfort for exposed hands, increasing dexterity for precision tasks.
- Fully modular and symmetric design for ease of part replacement - limit your stocking costs.



Designed in collaboration with SOARescue (a leader in Special Operations Medical Training) and Chick-fil-A Arizona Operators.

# ICEPLATE SAFETY VEST

## BACKGROUND

Over the last century the military has been searching for a way to prevent soldiers from overheating, a problem also encountered by most Safety Professionals as well. While deployed in high temperatures, high humidity, and often wearing dozens of pounds of extra gear for safety and compliance, the best answer is to absorb excess body heat before it causes fatigue and illness.

Frozen water, or ice, is uniquely positioned to help remedy this. Besides being drinkable, it also has the greatest heat absorption capacity of relevant materials.



*Ice is the ideal material for absorbing heat in a wearable cooling solution*

## COOLING/WARMING ONLY

This version of IcePlate is not equipped with a drink hose and therefore is preferable for situations where only cooling or heating is desired. Designed for industrial customers (including our drive-thru restaurant partners) where access to drinking water is readily available, or where different users will be sharing the same IcePlates and cleaning/refilling of the IcePlates is difficult.



## THE SOLUTION: ICEPLATE

IcePlate is a thin, wearable water bottle, specifically designed to maximize body contact and provide hands-free hydration without impeding movement. Freezing IcePlate takes advantage of the incredible cooling power of ice. As body heat melts the ice in IcePlate, the user stays cool and has ice cold water to drink.

A user wearing frozen IcePlates on both their chest and their back has 140+ Watts of cooling power at their disposal, providing substantial additional energy and work capacity, and exceeding the U.S. Army's requirement for cooling, previously unattainable in an untethered system.

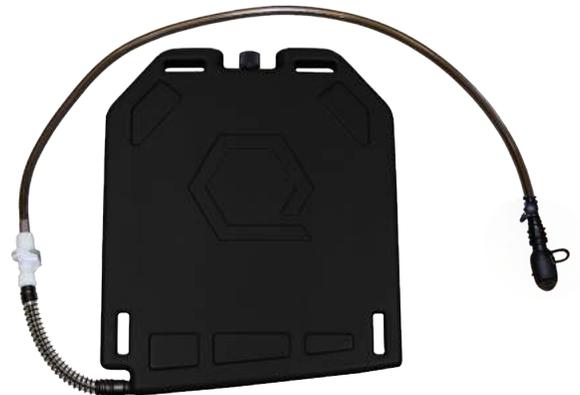
IcePlate can also easily be filled with warm water in cold weather situations, providing a year-round benefit.

*"Qore [Performance] has been hands down one of the best vendors, and decisions our company has made, and we wouldn't trade the experience for a second. For anyone looking for a heating/cooling solution, these guys would be our number one recommendation."*

*- Josh, Dutch Bros Coffee, AZ*

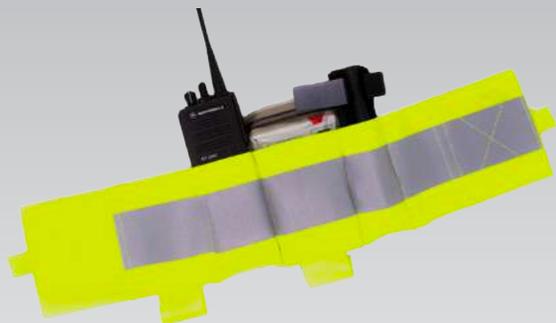
## DRINKABLE

The original version of IcePlate not only keeps the wearer cool but also provides hydration as the ice melts into water. This version is perfect for jobs where access to water is limited, and jobs where posts are manned for long shift times away from resources. Drinkable IcePlates should be assigned to each user on an individual basis.



**QORE**  
PERFORMANCE

## ACCESSORIES



### HI-VIS UTILITY / TOOL BELT

This safety and productivity tool belt provides 360° high visibility as well as storage pockets for essential tools such as radios, batteries, first aid kits, etc. Symmetric elastic design comfortably fits a wide range of sizes and limits component storage.



### ICEVENTS LIGHTWEIGHT VENTED PADS

Proprietary shoulder pads evenly distribute weight and provide venting to keep users cool. Vastly out-perform foam shoulder pads and are nearly indestructible under duress.



### ICESHIELD HAND WARMER

Allows the use of bare hands in the coldest of conditions for maximum dexterity, efficiency, and productivity. With advanced high-visibility materials and an ultra slim design, it seamlessly integrates with IPSV or fastens to a belt to deliver a best-in-class user experience in colder weather.



### NOISEFIGHTERS + ICEVENTS COMFORT COMBO

Noisefighters ear pads feature relief cuts for glasses to pass through without breaking the seal and causing headaches. Super-soft silicone gel produces an amazing seal. Use of premium acoustic memory foam and a closed head seal leads to phenomenal sound deadening. IceVents headset pad adds vented padding and distributes load evenly for maximum comfort.



### TOUGH HOOK HEAVY DUTY HANGERS

Unbreakable multi-purpose hangers are American made, hold 150 pounds, have a built in carry handle and have a Lifetime Warranty. Ideal for hanging storage of multiple IPSV units.

**OTHER PRODUCTS**



**TCCC BASE LAYERS**

Our original training base layers leverage TCCC training to cool and heat the body at the pulse points with ultralight Inserts. Featuring top of the line performance fabrics. Used as a supplement to boost hydration and performance during training or other athletic activity.



**MAINTENANCE PROGRAMS / OTHER SOLUTIONS**

From freezing, filling, storage, or cleaning programs, we have a number of customers with unique needs. Contact us with your questions and we will work with you to get your team safe and productive right away.

**ADDITIONAL ACCESSORIES / REPLACEMENT PARTS**



INSULATED DRINK HOSE UPGRADES



DUST COVER / BITE VALVE



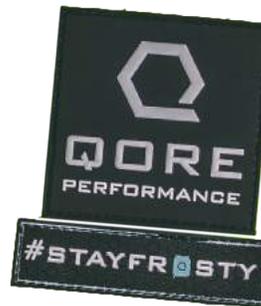
QUICKFILL FUNNEL



INSULATED TRANSPORT CASE



FIRST AID KIT



**CUSTOM PATCHES**

All of our carriers have loop fields to enable personalization, so it is easy to add branding or information to your sleeve, IPSV, or Harness. We are happy to work with you on a custom solution.



## CONTACT US

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**Here for you:** Contact us anytime, we work seven days a week to keep you safe and productive.

