HyperKewl Cooling Apparel
temperatures 6-12° cooler

COOL products to beat the HEAT
Welcome

India Cool Forever (WIN Win Distribution) are the exclusive all-India distributors of TechNiche International’s innovative line of cooling apparel.

TechNiche International are the world’s leading manufacturer of climate control apparel. Their products are now sold in over 50 countries worldwide. Whether you work outside, exercise outdoors, compete as an athlete or simply use our products to make your life more comfortable, we have a wide variety of performance solutions for you.

Our cooling apparel is currently being used extensively by members of the US military in Iraq and Afghanistan, as well as being widely used by a range of top athletes. including: F1 drivers, cricket players, football players, hockey players, motorsports drivers, and many more.

Our company’s mission statement is:

“We are committed to positively and significantly impact India’s summertime productivity and GDP”

Our cooling apparel not only provides much needed relief from the oppressive summer heat, but it provides protection from heat stress, while helping increase productivity and efficiency. We are delighted to offer our cooling apparel to the Indian Armed Forces.
Proven Effective in the Fight Against Heat Stress

TechNiche International’s innovative HyperKewl cooling apparel uses a unique 3-layer composite fabric that promotes evaporative cooling. In independent academic studies physiological responses, thermal responses, and comfort perceptions were measured to determine the benefits of wearing an evaporative cooling vest.

Core temperature was reduced when wearing a cooling vest versus no vest.

Dehydration Cooling vests were shown to reduce the body’s level of dehydration by 21%.

Heart Rate Reduced heart rate and cardiovascular drift suggests that wearing a cooling vest when working in the heat reduces thermal and cardiovascular strain. "Cardiovascular drift" occurs as a result of sweat losses that reduce the circulating blood volume.

Skin Temperature Mean skin temperatures are lower when wearing the cooling vest.

Endurance Wearing the cooling vest prolonged work time by an average of 16.4% before reaching a 2°C increase in core temperature, adding an average of 11.25 minutes to work times.

Perceived Rating of Exertion (Borg Scale) Subjects perceived the work trials to be less stressful at all comparable time periods after 10 minutes. This difference in perception of physical exertion was significantly greater at 30 minutes and 40

1. CORE TEMPERATURE AND PERCEPTIONS OF EVAPORATIVE COOLING VESTS. David D. Pascoe, Ph.D., Health and Performance; Auburn University; Auburn, AL.

2. EFFICACY OF EVAPORATIVE COOLING VESTS UNDER CLIMATIC CONDITIONS. David D. Pascoe, Ph.D., Ilgyu Jeong, Ph.D., Seokjoo Yoon. Auburn University Thermal Lab; Auburn, AL.
EVAPORATIVE COOLING APPAREL

PRODUCTS TO HELP YOU COMBAT HEAT STRESS

EVAPORATIVE COOLING
This simple, yet effective technology works by combining water with our HyperKewl™ Fabric to create garments that gradually release condensation to keep you cool, but comfortable.

- Cost-effective, extended relief from heat stress
- Lightweight, durable, reusable and washable; non-toxic
- HyperKewl™ Fabric sewn into garment lining

EASY TO USE
- Soak garment in cool water for 1 – 3 minutes
- Gently squeeze out excess water
- Wear; repeat steps as needed
- Hang to dry
- Wash with mild, soapy water (as needed)

Example: "HyperKewl™ Vest".

Soak the vest for 1 – 3 minutes in water.
Gently squeeze out the excess water - do not wring.
Now you can put the vest on without getting your clothes wet.

01 >> Outside heat; moisture vapor escapes
02 >> Garment soaked with water
03 >> Waterproof membrane keeps you dry
04 >> Fabric reaction keeps you cool
HYPERKEWL™ EVAPORATIVE COOLING VEST

- V-neck w/ front zipper; many uses
- Provides 5 – 10 hours of cooling relief per soaking; lightweight and durable
- Lightweight, very durable construction and easy to use
- High wearing comfort
- Outer shell: Oxford Nylon / liner: water repellent Taslan layer, HyperKewl™ fabric for cooling
- Army ACU Digital and Marine Desert Digital
- Sizes: XS – 3XL

HYPERKEWL™ EVAPORATIVE COOLING BEANIES

- Hook & loop adjustment for a custom fit
- Provide 5 – 10 hours of cooling relief per soaking, lightweight, durable, and washable
- Comfortable, quilted nylon outer with HyperKewl™ fabric inner, water-repellant nylon liner, and hoop & loop attachment
- Army ACU Digital and Marine Desert Digital
- One Size

HYPERKEWL™ EVAPORATIVE COOLING BOONIE CAPS

- Tie fasten for a secure fit
- Provide 5 – 10 hours of cooling relief per soaking; lightweight, durable, and washable
- Comfortable, quilted nylon outer with HyperKewl™ fabric inner, water-repellant nylon liner, and tie fastener
- Army ACU Digital and Marine Desert Digital
- One Size
HYPERKEWL™ EVAPORATIVE COOLING NECK BANDS

- Tie fasten for comfort
- Provide 5 – 10 hours of cooling relief per soaking; lightweight, durable, and washable
- Comfortable, quilted nylon outer with HyperKewl™ fabric inner, and water-repellant nylon liner
- Army ACU Digital and Marine Desert Digital
- One Size

Article No.: 7019
PHASE CHANGE COOLING
This advanced technology uses specially designed inserts containing our Phase Change Material (PCM) which releases long-lasting, temperature-specific (58 degrees F, 14 degrees C), cooling relief designed to fit with our garments, and with your Interceptor Outer Tactical Vest (OTV).

- Provide cooling comfort and heat stress protection
- Phase Change Material (PCM) releases long-lasting, temperature-specific (58 degrees F, 14 degrees C), cooling relief
- PCM is non-toxic, non-flammable, durable, reusable, lighter than water, and does not produce condensation

EASY TO USE
- Submerge PCM inserts in ice water or freezer for up to 45 minutes, or until solid
- Return inserts to garment pockets
- Wear; repeat steps as needed (or use additional inserts for continuous relief)

Example: TechKewl Vest™ with Cool Pax™ inserts
Place the Cool Pax™ inserts in the freezer for about 30 minutes.

Return the Cool Pax™ inserts to the vest pockets.

Now you can put the vest on and enjoy the cooling effect.
HYBRID COOLING MILITARY VEST

- Designed to work with the Interceptor TM Outer Tactical Vest (OTV); unique Buddy Swap design for easy changing of inserts in the field
- Hybrid cooling solution for ultimate relief: Evaporative Cooling HyperKewl™ fabric provides 5 – 10 hours of cooling relief per soaking; Phase Change Cooling Inserts maintain a comfortable 58 degrees F (14 degrees C) for up to 3 hours
- Army ACU Digital and Marine Desert Digital
- M, L, XL, 2XL
- Include one (1) set of Cool Pax™ Phase Change Cooling Military Vest Inserts (7065)

Article No.: 7026

HYBRID COOLING MILITARY VESTS W/SLEEVES

- All the critical benefits of the hybrid cooling Military Vest, plus detachable sleeves w/hook & loop length adjustments for a personalize fit; one of a kind, complete upper body cooling effect
- Evaporative Cooling HyperKewl™ fabric is durable and reusable, and provides 5 – 10 hours of cooling relief per soaking; Phase Change Cooling Inserts (in vest) maintain a comfortable 58 degrees F (14 degrees C) for up to 3 hours
- Army ACU Digital and Marine Desert Digital
- M, L, XL, 2XL Note: M, L Vests w/23.5” to

Article No.: 7032
HYBRID COOLING MILITARY VEST W/PERSONAL HYDRATION SYSTEM

- Combines essential cooling relief and personal hydration in one, revolutionary new vest; works with the Interceptor Outer Tactical Vest (OTV), features a unique Buddy Swap design for easy changing of inserts in the field, and modular design to reduce weight
- Hybrid cooling solution: Evaporative Cooling HyperKewl™ fabric provides 5 – 10 hours of cooling relief per soaking; Phase Change Cooling Inserts maintain a comfortable 58 degrees F (14 degrees C) for up to 3 hours
- Built-in hydration pocket and drinking hose w/valve holds 70 fl. oz. (2 liters) of cool, refreshing water to quench your thirst; V-neck vest w/zipper closure, and hook & loop girth adjustments
- Army ACU Digital and Marine Desert Digital
- M, L, XL, 2XL
- Include one (1) set of Cool Pax™ Phase Change Cooling Military Vest Inserts (7065) & Hydration System (6660)

COOL PAX™ PHASE CHANGE COOLING MILITARY HELMET INSERT

- Use additional inserts for continuous relief
- Phase Change Cooling Inserts maintain a comfortable 58 degrees F (14 degrees C) for up to 3 hours; specially designed w/small pockets to minimize leaks if punctured
- Include four (4) Cool Pax™ Phase Change Cooling Military Vest Inserts per set
- For Evaporative & Phase Change Cooling Military Vests (7026)