

HEAT STRESS IS 100% PREVENTABLE

EACH YEAR, MILLIONS OF WORKERS ARE EXPOSED TO POTENTIAL HEAT STRESS. INJURIES RELATED TO HEAT STRESS RANGE FROM DIZZINESS TO DEATH. WITH PROPER EDUCATION, TRAINING, AND COOLING PRODUCTS, HEAT STRESS RELATED INJURIES CAN BE AVOIDED.

COOLING TECHNOLOGIES



PHASE CHANGE

Cold temperature is absorbed by the **Phase Change** material, changing it from a clear liquid to an opaque solid as it is activated.

To use, place the activated phase change pack in the torso garment and wear it against body. The cold temperature begins to be transferred to the wearer as the latent heat is absorbed by the Phase Change material. The material begins to turn back to a clear liquid as it deactivates. Reactivate as needed.

ACTIVATION & USE

PIP's Heat Stress line ranges from premium products that will last your workers through multiple seasons to more economical solutions that are meant for single-use. The activation time is included with each product.



EVAPORATIVE

To activate **Evaporative** cooling products, water is first absorbed by the product's cooling fibers or polymers. Cooling occurs when the moisture within the unit evaporates, creating a cooling sensation for the wearer. When activating, you may use room temperature water. The products must be exposed to air movement to facilitate cooling, and are meant for use over other PPE garments.



ABSORPTIVE

Absorptive materials help to keep the sweat and the sting out of workers' eyes while trapping and moving sweat for a safer, more comfortable job with fewer distractions.



SUN PROTECTION

PIP's **Sun Protection** products include hats and visors with neck shades that will help to screen workers from the sun, to alleviate the toll it takes on productivity, skin and the ability to keep hydrated.

276 PHASE CHANGE

276 EVAPORATIVE

280 ABSORPTIVE

280 SUN PROTECTION

HEAT STRESS

HEAT STRESS

PHASE CHANGE & EVAPORATIVE



PHASE CHANGE
COOLING TECHNOLOGY

WEAR UNDER
OTHER PPE GARMENTS



▼ 390-EZSPC

▼ 390-EZFRPC

45
MINUTES

FR OUTER SHELL



REPLACEMENT PACKS

▲ 390-PC099



▲ 390-PCVCP1

▲ 390-PCVKT1



MACHINE WASHABLE

▼ 390-EZ150

WEAR UNDER
OTHER PPE
GARMENTS



EVAPORATIVE
COOLING TECHNOLOGY



▼ 390-EZ202

▼ 390-EZ100

1-2
MINUTES

WEAR OVER
OTHER PPE
GARMENTS



▲ 390-10

COOLING VESTS

STYLE NUMBER	COOLING TYPE	DESCRIPTION	ACTIVATION TIME	OUTER FABRIC	INNER FABRIC	WEIGHT	CLOSURE	COLOR	SIZE
390-EZSPC	Phase Change	Active Fit Vest with Rechargeable Cooling Packs & Insulated Cooler Bag	45 Minutes	100% Cotton	Nylon	6.0 lbs	Zipper with Side & Shoulder Adjustments	Blue	M/L 100-175 lbs, L/XL 175-250 lbs, 2X/3X 250-300 lbs
390-EZFRPC	Phase Change	Active Fit FR Vest with Rechargeable Cooling Packs & Insulated Cooler Bag	45 Minutes	Banwear FR Cotton	100% Cotton	6.0 lbs	Zipper with Side & Shoulder Adjustments	Navy	M/L 100-175 lbs, L/XL 175-250 lbs, 2X/3X 250-300 lbs
390-PC099	Phase Change	Reusable Phase Change Pack Set for Slim Fit Design	45 Minutes	PU	TechKewl™	5.0 lbs	---	Clear	---
390-PCVKT1	Phase Change	Vest with Rechargeable Cooling Packs that Fit Inside a Vest	45 Minutes	Polyester	Nylon	6.5 lbs	Pullover with Side & Shoulder Adjustments	Navy	One Size
390-PCVCP1	Phase Change	Reusable Phase Change Pack Set for Classic Design	45 Minutes	PU	Alkane Blend	5.5 lbs	---	Clear	---
390-EZ100	Evaporative	Lightweight Cooling Vest	1-2 Minutes	Polyester / Nylon	HyperKewl™	1.5 lbs	Zipper	Hi-Vis Lime Yellow	S - 3X
390-EZ150	Evaporative	Cooling Tank Top	1-2 Minutes	Spandex / Nylon	HyperKewl™ Plus	0.75 lbs	Zipper	Black with Blue Trim	S - 3X
390-EZ202	Evaporative	ANSI 107 Type R Class 2 Cooling Vest with 4 Pockets	1-2 Minutes	Polyester / Nylon	HyperKewl™	1.5 lbs	Hook & Loop	Hi-Vis Lime Yellow	S/M, L/XL, 2X/3X, 4X/5X
390-10	Evaporative	High Tech Cooling Vest, No Wetness-Body & Clothing Stay Dry	30 seconds	Polyester	Engineered Polyfleece	0.5 lbs	Hook & Loop	Navy	S - 3X

HEAT STRESS

EVAPORATIVE



EZ-COOL® COOLING NECK WRAP

COOLING TYPE	Evaporative
ACTIVATION TIME	30 Seconds
OUTER	PVA
SIZE	4" x 30"
STYLE NUMBER	COLOR
393-650-B	Blue
393-650-L	Hi-Vis Lime Yellow
393-650-P	Pink



UV PROTECTION

EZ-COOL® MAX COOLING TOWEL

COOLING TYPE	Evaporative
ACTIVATION TIME	30 Seconds
OUTER	Nylon Hollow Fiber / Polyester
SIZE	12" x 33"
STYLE NUMBER	COLOR
396-EZ900-NV	Blue
396-EZ900-LY	Hi-Vis Lime Yellow
396-EZ900-PK	Pink
396-EZ900-GC	Digital Camo



EVAPORATIVE COOLING TECHNOLOGY

SUPER ABSORBENT & SUPER COOL



EZ-COOL® COOLING TOWEL

COOLING TYPE	Evaporative
ACTIVATION TIME	30 Seconds
OUTER	PVA
SIZE	13" x 31"
STYLE NUMBER	COLOR
396-602-B	Blue
396-602-L	Hi-Vis Lime Yellow
396-602-P	Pink



393-EZ201-PAT



393-100-DGC

EZ-COOL® COOLING BANDANA

COOLING TYPE	Evaporative
ACTIVATION TIME	1-2 Minutes
OUTER	Polyester Mesh
INNER	HyperKewl™
CLOSURE	Tie / Breakaway Snap
STYLE NUMBER	COLOR
393-EZ201-NVY	Navy
393-EZ201-KHK	Khaki
393-EZ201-PAT	Patriotic Flag
393-EZ201-RTC	REALTREE® Max5® Camo

VALUE COOLING BANDANA

COOLING TYPE	Evaporative
ACTIVATION TIME	20-30 Minutes
OUTER	Poly Cotton
INNER	Cooling Crystals
CLOSURE	Tie
STYLE NUMBER	COLOR
393-100-BLU	Blue
393-100-CBL	Cowboy Blue
393-100-CRD	Cowboy Red
393-100-DGC	Digital Camo
393-100-KHK	Khaki
393-100-NAVY	Navy
393-100-PAT	Patriotic Flag

EXTENDED COOLING COMFORT



1-2
MINUTES

EZ-COOL® COOLING TIE HAT

COOLING TYPE	Evaporative	
ACTIVATION TIME	1-2 Minutes	
OUTER	Polyester Mesh	
INNER	HyperKewl™	
CLOSURE	Tie	
STYLE NUMBER	COLOR	
396-EZ205	<input type="checkbox"/> Blue	
396-EZ205-RTC	<input type="checkbox"/> REALTREE® Max5® Camo	



1-2
MINUTES

EZ-COOL® COOLING RANGER HAT WITH NECK SHADE

COOLING TYPE	Evaporative	
ACTIVATION TIME	1-2 Minutes	
OUTER	Cotton	
INNER	HyperKewl™	
CLOSURE	Drawstring	
STYLE NUMBER	COLOR	SIZE
396-EZ450-KHK	<input type="checkbox"/> Khaki	S/M, L/XL, 2X/3X
396-EZ450-RTC	<input type="checkbox"/> REALTREE® Max5® Camo	S/M, L/XL, 2X/3X
396-EZ450-LY	<input type="checkbox"/> Hi-Vis Lime Yellow	S/M, L/XL, 2X/3X



30
MINUTES

VALUE COOLING TIE HAT

COOLING TYPE	Evaporative	
ACTIVATION TIME	20-30 Minutes	
OUTER	Poly Cotton	
INNER	Cooling Crystals	
CLOSURE	Tie	
STYLE NUMBER	COLOR	
396-300-NAV	<input type="checkbox"/> Navy	
396-300-CBL	<input type="checkbox"/> Cowboy Blue	
396-300-PAT	<input type="checkbox"/> Patriotic Flag	



30
MINUTES

VALUE COOLING RANGER HAT WITH NECK SHADE

COOLING TYPE	Evaporative	
ACTIVATION TIME	20-30 Minutes	
OUTER	Poly Cotton	
INNER	Cooling Crystals	
CLOSURE	Hook & Loop	
STYLE NUMBER	COLOR	SIZE
396-425-KHK	<input type="checkbox"/> Khaki	M - XL

NOTE: RECOMMENDED TO SIZE UP - MAY RUN SMALL



EVAPORATIVE COOLING TECHNOLOGY



EVAPORATIVE
COOLING TECHNOLOGY



**EZ-COOL® COOLING
HARD HAT NECK SHADE**

COOLING TYPE	Evaporative
ACTIVATION TIME	1-2 Minutes
OUTER	Polyester
INNER	HyperKewl™
CLOSURE	Hook & Loop
STYLE NUMBER	HI-VIS COLOR
396-EZ810	Lime Yellow



**EZ-COOL® COOLING FR
HARD HAT NECK SHADE**

COOLING TYPE	Evaporative
ACTIVATION TIME	1-2 Minutes
OUTER	FR Cotton Banox
INNER	HyperKewl™
CLOSURE	Hook & Loop
STYLE NUMBER	COLOR
396-EZ811FR	Navy



**VALUE COOLING
HARD HAT PAD WITH NECK SHADE**

COOLING TYPE	Evaporative
ACTIVATION TIME	20-30 Minutes
OUTER	Poly Cotton
INNER	Cooling Crystals
CLOSURE	Hook & Loop
STYLE NUMBER	COLOR
396-405	Blue



**VALUE COOLING
HARD HAT PAD**

COOLING TYPE	Evaporative
ACTIVATION TIME	20-30 Minutes
OUTER	Poly Cotton
INNER	Cooling Crystals
CLOSURE	Hook & Loop
STYLE NUMBER	COLOR
396-400-BLU	Blue

COOLING COMFORT UNDER HARD HATS

HEAT STRESS

ABSORPTIVE & SUN PROTECTION

KEEPING COOL: NO SWEAT



ABSORPTIVE COOLING TECHNOLOGY

HARD HAT TERRY SWEATBAND

COOLING TYPE	Absorptive
OUTER	Cotton Terry Cloth
CLOSURE	Snaps
STYLE NUMBER	COLOR
396-20870-NAV	■ Navy
396-20870-BGE	■ Beige



DISPOSABLE SWEATBANDS

STYLE NUMBER	COLOR	COOLING TYPE	OUTER	CLOSURE
396-500	■ Blue	Absorptive	100% Cellulose	Elastic
396-505	■ Teal	Absorptive	100% Polyester Non-Woven	Elastic



▲ 396-800-LY

▲ 396-801FR-LY

SOLID POLYESTER

MESH POLYESTER

HARD HAT VISOR WITH NECK SHADE

COOLING TYPE	Shading	
OUTER	ANSI Compliant Polyester Hi-Vis with Reflective Tape	
CLOSURE	Elastic	
STYLE NUMBER	HI-VIS COLOR	MATERIAL
396-800	■ Lime Yellow	Solid
396-801FR	■ Lime Yellow	Mesh



SUN PROTECTION COOLING TECHNOLOGY

BLOCK HARMFUL SUN RAYS



FR TREATED HI-VIS HARD HAT NECK SHADE

COOLING TYPE	Shading	
OUTER	ANSI Compliant Polyester Hi-Vis with Reflective Tape	
CLOSURE	Elastic	
STYLE NUMBER	HI-VIS COLOR	
396-700FR-LY	■ Lime Yellow	
396-700FR-OR	■ Orange	



HI VISIBILITY RANGER HAT

COOLING TYPE	Shading	
OUTER	ANSI Compliant Polyester Hi-Vis with Reflective Tape	
CLOSURE	Drawstring	
STYLE NUMBER	HI-VIS COLOR	
350-RANGER	■ Lime Yellow	