

# Solutions for Cooling Every Body®

**Polar manufactures all major cooling technologies!**  
We can help you find the best value and most effective products for your specific application and climate.



# Industrial Cooling

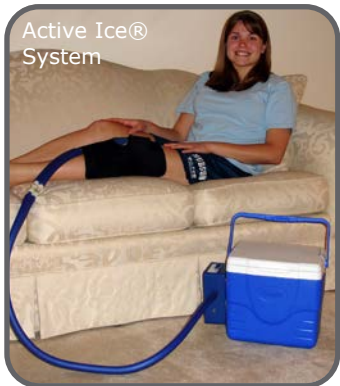
The cooling relief of Cool58™ phase change and Kool Max water-based cooling packs in one compatible vest.

**Also available from Polar Products:**



## HOT & COLD Therapy

- **Active Ice® Cold Therapy System**  
Ideal for post-surgery pain relief.
- **Soft Ice® Hot/Cold Packs & Compression Wraps**  
Keep on hand for acute injury and swelling.
- **Thera-Temp® Moist Heat Therapy Wraps**  
Alternate with cold therapy for chronic pain.
- **Roller Ice® Trigger Point Massage Tools**  
Convenient and comfortable. No mess!



Visit our website to see all of our therapy products.

## Cool58™

58° F Phase Change Cooling Packs



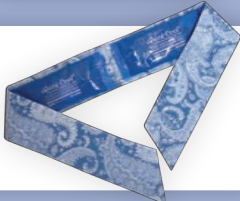
## Kool Max™

Frozen Water-Based Cooling Packs



## Quick Cool™

Soft Frozen Packs for Short-term Cooling



## Cool Comfort®

Water-Activated / Frozen Hybrid Cooling



## Cool Flow®

Circulating Cold Water System



## Evaporative

Water-Activated Cooling



See our complete cooling product lines at [www.polarproducts.com](http://www.polarproducts.com).



- How does it work?** There are two pack options:
- **Cool58™ phase change cooling packs** freeze solid at a comfortable 58° Fahrenheit (14.4° Celsius), so they can be activated in a freezer, refrigerator, or a bucket of ice water.
  - **Kool Max water-based packs** are frozen in the freezer and provide the highest cooling energy.
  - Both pack technologies fit into insulated pockets in the vest.

## CARE & USE MANUAL

### The Advantages of Cool58™ and Kool Max:

- Quality Materials**  
Polar's cooling vests are designed and constructed for long term performance. They will last for many years with proper care, maintenance and storage.
- Highest Cooling Energy**  
Kool Max water-based technology provides the highest cooling energy of any cooling pack. Kool Max requires the use of a freezer, but the packs return this energy in cooling. It's science!
- Convenient Activation**  
Reusable Cool58™ packs can be reactivated in ice water, a refrigerator or a freezer. Simply submerge your packs in ice water for up to 20 minutes or place in a refrigerator or freezer until they turn solid white and you are ready to go!
- Improves performance, safety and comfort**  
Cooling lessens the debilitating effect of heat during work, athletics and day-to-day life for those with heat sensitivity.
- Extended Cooling Relief**  
Cool58™ packs provide cooling for up to 3 hours in any climate; Kool Max packs offer up to 3.5 hours. Cooling time varies depending on activity and environment.



# Activation and Use Instructions

If you have any questions or concerns regarding your vest or packs, please contact our Customer Service at **1.800.763.8423** or send an e-mail to [polar@polarproducts.com](mailto:polar@polarproducts.com). We will be happy to help!

## Using the Cool58™ Cooling Packs

Our reusable Cool58™ Cooling Packs are made from a non-toxic paraffin based liquid that will “freeze” at 58 degrees. Place the packs individually and flat into a freezer, refrigerator, or bucket of ice water until frozen hard. The packs turn solid white when they’re ready. When ready to use, simply remove the packs from the ice water, refrigerator or freezer and place in the insulated pockets in the vest or wrap.

## Using the Kool Max Cooling Packs

Our reusable Kool Max Cooling Packs are water-based, non-toxic and non-flammable. Place the packs individually and flat into a freezer until frozen hard. For best results, store the packs in the freezer, so they’re ready when you are. When ready to use, simply remove the packs from the freezer and place in the insulated vest or wraps pockets. Frozen packs may be transported or stored in a cooler for later use.



## Additional products for industrial cooling:



Above, left to right: Cool58™ Crown Cooler, Cool58™ Deluxe Neck Band, Evaporative Safety Vest, Kool Max Deluxe Neck Tie

**Cool58™ Pack Warning:** In case of pack rupture or leakage, discontinue use immediately. Although encapsulated material is non-toxic, it can cause a skin rash. Flush exposed area with warm, soapy water and wash with baking soda. Contact physician immediately if swallowed or in case of eye exposure. Wash all exposed garments with baking soda and detergent in warm water. **DO NOT EXPOSE COOLING PACKS TO HEATED EQUIPMENT AND/OR ENVIRONMENTS EXCEEDING 300° F.**

Caution: Consult your health care professional prior to using this or any cooling products for a medical condition.

“This is my third year using the Kool Max Cooling Vest. It provides the cooling relief needed while working in a hot factory. - G. Lawrence in MI

I work in a very hot environment and I wore the vest with Cool58 packs when it was very hot and humid. I’m a welder and I wore it under my leathers in extreme heat conditions. It lasted about two and a half hours. I would tell other people to buy one. - W. Williams in York

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## Wearing the Vest

The vest should fit snug to the body for optimal performance. The vest provides adjustable fit through the use of hook and loop straps at the shoulders, chest and waist. Simply place the garment on your body and adjust for a snug fit.

## Maintenance and Care

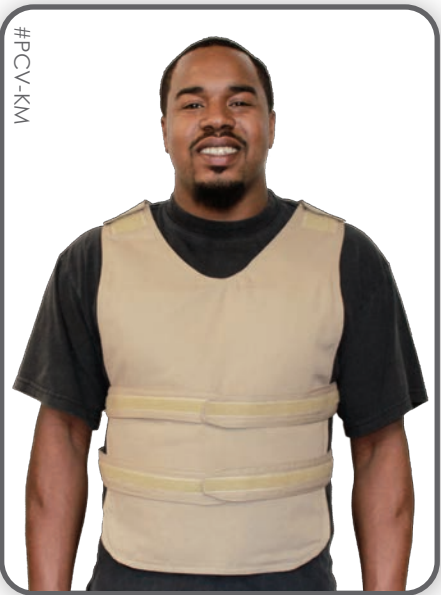
**Vest:** Hand wash in cool water with a mild detergent. Hang in a well-ventilated area to dry.

**Cooling Packs:** Packs may be wiped clean with a damp cloth. **Note: Store packs in freezer or cool, dry environment when not in use.**

## Cooling Duration

The length of time Cool58™ and Kool Max cooling vests will cool depends on many factors, including the activity and body temperature of the person using the items and the temperature of the environment. Additionally, the size and number of packs used will vary the amount of cooling. The cooling potential may also be adjusted by wearing one or more layers of clothing between the body and the garment. **Note: one or more layers of insulating fabric should always be worn between the skin and the cooling pack when using the packs from the freezer.**

**Nomex™ and Banox™ Fire-Resistant Vests are compatible with Cool58™ or Kool Max Cooling Packs.**  
Visit [www.polarproducts.com](http://www.polarproducts.com) to see our complete line of cooling vests and accessories for industry.



**Kool Max Cooling Pack Warning:** Polar Products recommends that all cooling products be worn over clothing or other fabric layers to regulate the products’ cooling potential. The amount of layering required to insure the highest level of cooling and comfort will vary from person to person and is strictly the responsibility of each individual user.

**Note: Please contact us to request a Material Data Safety Sheet if required.**

Polar Products, Inc. will not be liable for injuries or damages resulting from misuse or misapplication of our products.