

# SOLUTIONS FOR COOLING EVERY BODY®

**Polar Products manufactures all major cooling technologies!**

We can help you find the best value and most effective products for your specific application and climate.

**Cool 58®**  
58° F (14.5° C)  
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 [PolarProducts.com](http://PolarProducts.com).

**ALSO AVAILABLE**  
from Polar Products:

## Hot & Cold Therapy

Natural, Drug-Free Pain Relief

**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!



Active Ice® Cold Therapy System



Thera Temp® Moist Heat



Soft Ice® Compression

# Polar Deluxe Adjustable Fit Cooling Vest

Vest is compatible with both Cool58® (58° F /14.5° C) phase change strip packs and Kool Max® high-energy, water-based strip packs.

Included with this order (see checked box):

- Vest Type:**
- Standard Zipper Vest
  - Standard Poncho Vest
  - Other
  - Banox Zipper Vest
  - Nomax Zipper Vest

**Cool58® phase change strip packs.** These packs may be activated in a cooler of ice water, a refrigerator, or a freezer.

- 400 gram (.88 lb)
- 800 gram (1.76 lb)
- 500 gram (1.1 lb)
- Other

**Kool Max® water-based strip packs.** These packs are activated in a freezer and provide the highest cooling energy available.

- Three-section 1.2 lb (544 gram)
- Other
- Two-section .8 lb (363 gram)



## The Advantages of the Cool58® and Kool Max® cooling packs

### 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

Reusable 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 activated 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 effects of heat during work, athletics, and day-to-day life.

### EXTENDED COOLING RELIEF

Cool58® packs provide cooling for up to 3 hours in any climate; Kool Max® packs offer up to 4 hours. Cooling time varies depending on activity and environment.



**POLAR PRODUCTS**

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# 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 liquid that will “freeze” at 58° F (14.5° C). Place the packs 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 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 wrap pockets. Frozen packs may be transported or stored in a cooler for later use.

## 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 metabolism of the person using the items and the temperature of the environment. Additionally, the size 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.**

## COOL58® COOLING 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.**

## KOOL MAX® NON-TOXIC WATER-BASED COOLING PACK WARNING:

Polar Products recommends that all cooling products activated in a freezer be worn over clothing or other fabric layers to regulate the products’ cooling potential. The amount of layering required to ensure 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 Safety Data Sheet.**

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

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

*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

## Polar Cooling Vests Vest Description and Fabric Options

All vests are compatible with either Cool58® Phase Change or water-based Kool Max® cooling pack inserts.

### STANDARD POLAR COOLING VESTS

Polar’s standard high-quality vests are constructed with 100% cotton fabric. We use a simple unisex design that allows Velcro adjustment at the waist, chest, and shoulders. This assures a snug, comfortable fit and results in efficient cooling. We have two styles:

**Zipper-Front Vest:** We manufacture the zipper-front vest in sizes S/M, M/L, L/XL, XL/XXL, and XXL/XXXL.

**Poncho Vest:** This vest is manufactured with a one-size-fits-most poncho design.

### FIRE-RESISTANT COOLING VESTS

#### Banox™ Certified Fire-Resistant Fabric Cooling Vest

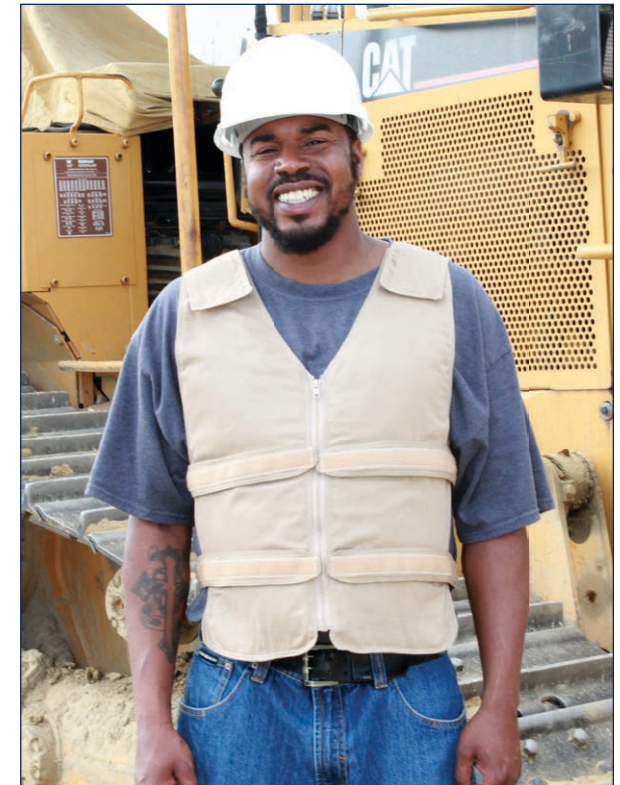
Banox™ is flame-retardant treated cotton. The treatment is good for 20-25 washings and then the resistance to fire is significantly diminished. This fabric is class 1 NFPA 70E rated. The fabric is heavier than Nomex™ and is more durable than Nomex™.

Note: While Banox™ is class 1 NFPA 70E rated, if there is exposure to potential arc flash the user should not depend on a cooling vest for protection.

#### Nomex™ Certified Fire-Resistant Fabric Cooling Vest

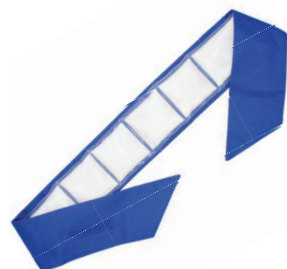
Nomex™ is a fabric that is treated by a single-step flame retarding process that will last the life of the garment and does not reduce the wear life of the fabric. This fabric is class 1 NFPA 70E rated. The Nomex™ is roughly 60% the weight of the Banox™ and a less-durable fabric.

Note: While Nomex™ is class 1 NFPA 70E rated, if there is exposure to potential arc flash the user should not depend on a cooling vest for protection.



**Nomex™ and Banox™ Fire-Resistant Vests are compatible with Cool58® or Kool Max® Cooling Packs**

## ADDITIONAL COOLING PRODUCTS



**Deluxe Neck Band**



**Cooling Safety Vests**



**Cooling Hats**