

PolarSkin™ Cooling Systems

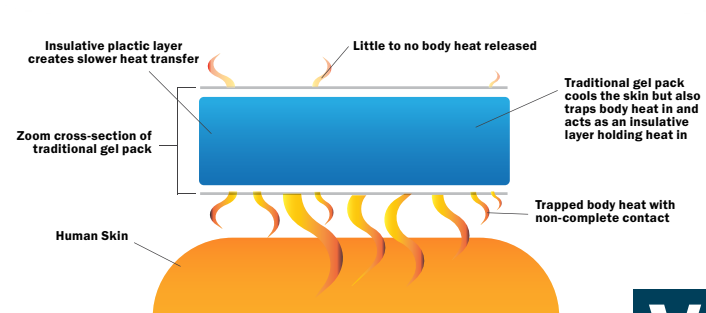
INTRODUCING THE LATEST IN COOLING TECHNOLOGY FOR EFFECTIVE HUMAN THERMO-REGULATION

THE LATEST COOLING TECHNOLOGY TO **BEAT the HEAT**

- Facilitates conductive, convective, and evaporative cooling
- Unique fiber construction allows for liquid absorptive capacity 350% greater than basis weight
- Protracted direct cooling of high blood flow regions
- Adheres to current National Athletic Trainers' Association and U. S. Ar t
- Soaked in ArcticAqua™ for faster and longer cooling without drying out

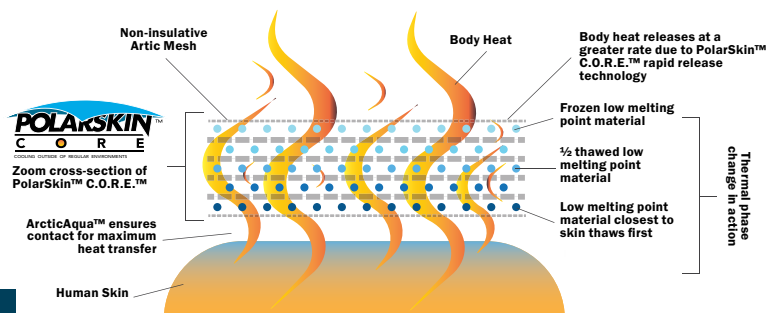


PolarSkin Core includes a gel pack within the Arctic Mesh fabric that has been soaked in ArcticAqua to assist with cooling.



Traditional Gel Packs

- Plastic bag filled and sealed with a polymer gel
- Barrier bags are impermeable to vapor and liquid penetration
- Plastic barrier is non-conductive
- Utilizes conduction for thermal Exchange
- Localized heat exchange
- No materials phase change



PolarSkin™ C.O.R.E.™

- Vapor and liquid permeable substrate
- Cooling fluids are impregnated within the substrate
- Non-woven conductive barrier layer
- Promotes evaporation, convection, and conduction cooling methods for maximum thermal exchange
- Distributed heat exchange
- Staged phase change materials act as a thermal super capacitor



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PolarSkin Complete Care Pack

The PolarSkin Complete Care Pack is a portable and highly insulated option that allows for the carry of a PolarSkin Comprehensive Cooling System in the field. The Cooler keeps ice from melting for 24 hours in 100°F heat. The PolarSkin™ Comprehensive Cooling System is a highly-effective portable cooling system for the treatment of heat-related illnesses. Consisting of two (2) PolarSkin™ Ice Sheets (Triple Pack) and one (1) PolarSkin™ C2E Ice Pack Bundle, the PolarSkin™ Comprehensive Cooling System is scientifically proven to promote rapid core temperature reduction.

FEATURES/SPECIFICATIONS

- Pack features Cooler and Comprehensive Cooling System for a portable, all-inclusive system
- Scientifically proven to reduce core temperature by .09°F/minute in 100°F heat when used according to protocol
- The system maintains an internal temperature of ≤32°F for 17.5 hours in >85°F ambient temperatures when prepared to 0°F and stored in a PolarSkin Cooler with ice
- Adheres to current National Athletic Trainers' Association and U.S. Army protocols for heat illness treatment



Learn more about this and other Products with a Mission® at www.NARescue.com



Kit Contains:

- 1 x PolarSkin Red Cooler
- 1 x PolarSkin Comprehensive Cooling System:
 - 2 x PolarSkin Ice Sheets™ (Triple Pack)
 - 1 x PolarSkin C2E Ice Pack™ Bundle

DIMENSIONS

- W 14 in. x L 12 in. x D 7 in.
- Weight: 10.2 lb

POLARSKIN COMPLETE CARE PACK

ITEM #	COLOR	NSN
80-0451	Red	----

PolarSkin Coolers

The PolarSkin Cooler is a portable and highly insulated option that allows for the carry of PolarSkin products in the field and keeps ice from melting for 24 hours in 100°F heat. This standard size cooler accommodates one (1) PolarSkin™ Comprehensive Cooling System plus ice. Constructed of rugged canvas, a durable sweat/leak proof vinyl liner, and 3/4 in. thick high-density, closed-cell foam insulation. Cooler comes with a waterproof pocket, padded shoulder strap, and a lifetime warranty.

FEATURES/SPECIFICATIONS

- Highly insulated carrier that accommodates 1 PolarSkin Comprehensive Cooling System plus ice
- Keeps ice for 24 hours in 100°F heat
- Food grade liner that is leak-proof and sweat-proof
- 0.75 in. thick high density foam for insulation
- Constructed of heavy duty materials
- Comes with padded shoulder strap and a side pocket for dry items
- Lifetime warranty



Learn more about this and other Products with a Mission® at www.NARescue.com



DIMENSIONS

- W 14 in. x L 12 in. x D 7 in.
- Weight: 2.2 lb

POLARSKIN COOLERS

ITEM #	COLOR	SIZE	NSN
ZZ-0682	Red	Standard	----
ZZ-0759	Black	Standard	----
ZZ-0794	Black	Backpack	----



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