

# BodyTeq™

Apparel, Inc.

www.bodyteq.com

Keep Your Cool at Play, Recreation, or Competitive Sports

Wear **BodyTeq™**  
**Headgear**

Heat Stress and Fatigue are harmful and effect performance.

Hydroweave®, a unique, high performance fabric that works through evaporation and eliminates the trade off between protection and the wearer's comfort and safety. Our headgear products are well designed and expertly crafted to extend work hours, allow more time outdoors, and ensure higher levels of performance and activity.

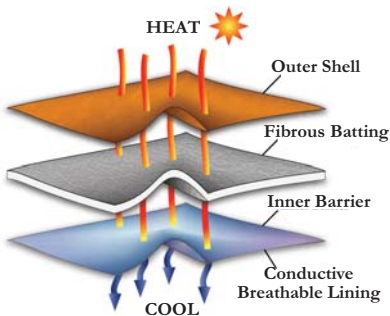
## UNIQUE ADVANTAGES...

- Cools continuously in temperatures as high as 180 degrees for up to 8 hours.\*
- So Comfortable you won't know you're wearing it
- One size fits all with adjustable Velcro closure
- Contoured fit - works with any type of Helmet
- Keeps you cool, safe, and comfortable
- Enhances performance
- Evenly distributes cooling over the entire fabric
- Durable—designed and crafted for our most demanding customers
- Cools "dry" without the feeling of moisture

## WHAT IS HYDROWEAVE® ?

Hydroweave® is a highly versatile and lightweight fabric ideally suited for a variety of garment and accessory applications. Hydroweave's patented 3-layer design starts by combining special hydrophilic fibers (fibers that attract water) with hydrophobic fibers (fibers that repel water) into a batting core. This batting is sandwiched between a breathable outer shell and a thermally conductive inner lining, which provides durability, separates the wearer from moisture, and acts as the critical conduit for exchanging heat with cooling comfort.

## Hydroweave® Composite Construction



### Outer Shell

The breathable outer shell can be made from a variety of fabrics and colors to address a wide range of applications.

### Absorbent Batting

The special water-retaining fibers in the batting change quickly and deliver a slow, controlled release of moisture enabling hours of cooling comfort.

### Conductive Lining

The inner lining is a thermally conductive microporous membrane. This special material allows perspiration to escape while conducting cooling to the body.

## How HYDROWEAVE WORKS

Heat stress occurs when our body becomes overheated. The body uses blood circulation for moving heat from its core to the skin where it can transfer to the outside environment. Soaking the garment in water for five minutes activates the cooling process, charging the hydrophilic fibers with water. The hydrophobic fill evenly distributes and surrounds the saturated fibers with air, creating an ideal environment for evaporation. When moisture in the batting core evaporates, heat is removed, cooling the surrounding area while the conductive lining draws heat away from the body. Cooling is delivered evenly throughout the garment and can continue to cool for up to 8 hours, depending upon the degree of garment contact, environmental conditions, physical activity of the wearer, and the type of outer clothing worn.

## EXPECTED PERFORMANCE

Because BodyTeq™ products use evaporative cooling technology, the power of its cooling effect and the amount of time the garment stays active are determined by environmental conditions. The combination of air temperature, airflow, and relative humidity, will determine the effectiveness of evaporative cooling. The hotter the temperature; inside or outside, the drier the air, the greater the evaporative cooling effect. In general, in areas of relative high humidity, the amount of time the garment remains active will vary from 2 to 6 hours. In areas of relative low humidity, the garment can remain active for up to 8 hours.



## APPLICATIONS INCLUDE:

- Cycling/Rollerblading
- Hockey/Footbal
- Motorcycle

## ACTIVATING THE COOLING PROCESS:

### ADD H<sub>2</sub>O...START TO FEEL THE DIFFERENCE!

Follow these 3 simple steps to activate your Helmet Liner:

1. Soak your BodyTeq™ Helmet Liner, in a sink or container of cool water for 5 minutes to charge the absorbent fibers.
2. Remove excess water by wringing out the garment
3. Towel dry the inner lining and outer shell

### Care and Washing Instructions:

- Add mild detergent. DO NOT use CHLORINE BLEACH
- Wash on gentle cycle

### Dry:

- Line or machine dry on low heat
- To prevent mildew, store dried.

Available in the following colors: Black , White

MORE PICTURES AVAILABLE ON-LINE

\*Depending upon degree of contact, physical activity of the wearer, environmental conditions, and type of outer clothing worn.