Technical Fabrics for Top Performance

Bellwether clothing ensures your body can perform at its peak. Our Comfort Control System optimizes temperature regulation while you ride. Lycra Power supports muscles, delaying fatigue and extending your endurance. Together they create a second skin that keeps your focus on where you’re going not what you’re wearing.

**AENERGIA** – Warp-knitted fabric with microstructure horizontal effect. 26% Lycra (Lycra-Power certified™). Honeycomb knitting construction. This fabric gives maximum comfort because when worn, each single cell opens and closes letting air in and moisture out. Highly abrasion-resistant.

**XFACtor** – The most technical mesh fabric we use has Micropoly yarns which spread water droplets over a larger surface area to allow for quick evaporation, while open knit design maintains significant airflow also accelerating the drying process.

**XFORMA** – The most advanced and technical fabric in our arsenal. X-Forma uses a lower denier [high filament] yarn on the outside to draw moisture through from the higher denier [low filament] yarn on the inside. In addition the inside yarn transports water through its capillary action. This dual combination multiplies the moisture management performance keeping you comfortable and dry.

**PS3000** – Powerful, Stretchable PS3000 is a nylon/Lycra blended fabric designed to support muscles during exercise, helping to decrease fatigue while maximizing muscle efficiency.

**AEROTEX** – Advanced dimpled construction increases fabrics ability to transfer moisture, while also holding aerodynamic properties by minimizing wind drag. Supportive Aerotex fabric provides muscle support through compression.

**QUADRA TECH** – Unique box like construction increases the outer surface area of the fabric which improves transfer of perspiration away from the skin for speedy evaporation, while small channels promote ventilation for proper temperature modulation.
Fabric

The fabrics in Bellwether's superior moisture management system are designed to work together and keep you cooler, dryer, and more comfortable. We design garments with fabric that accelerates the evaporating process by pulling moisture from the wearer's skin, and onto the fabrics outer surface for quick evaporation. By using only fabrics that we've tested and trust, we are able to guarantee the performance and durability of our garments.

Warp-knitted fabric with a "honeycomb" extensible (stretchable) knitting construction Lycra-Power certified. Superb muscle support during exercise.

Advanced dimpled construction increases fabrics ability to transfer moisture for super quick evaporation while also holding aerodynamic properties by minimizing wind pressure drag. Supportive Aero-tex fabric provides excellent muscle support reducing fatigue and decreasing recovery time by eliminating muscle vibrations during hard exercise output.

Completely wind and waterproof, breathable, with 4-way stretchable outer layer keeps you dry, and allows unlimited range of motion.

Coolmax's proprietary four-channel fibers move moisture quickly away from the skin to the fabrics outer layer where it can be evaporated quickly and efficiently. Coolmax is proven to reduce skin temperature and heart rate during exercise.

A high performance fabric resistant to abrasions, tears and scuffs, while maintaining excellent stretch and recovery properties.

Lightweight and durable 4-way elastic micropoly construction is extremely wind and water resistant while maintaining breathability and moisture transfer.

Fieldsensor is a unique multilayered fabric which efficiently transports perspiration outward through capillary action, keeping the wearer dry and comfortable under hard exercise output. Gamex is a lightweight, naturally elastic micro-fine polyester filament yarn which provides wind and rain protection for active athletes while maintaining outstanding breathability. Designed to fit muscle shapes and to provide maximum support to muscular fibre. Provides muscle stability during exercise.

Hydrophobic, durable fabric with its unique DWR [Durable Water Resistant] finish repels water upon contact while maintaining excellent breathability, transferring perspiration to the outer layers for quick evaporation. Rugged while still maintaining a soft feel for all-day comfort. Brushed Micropoly construction transfers moisture away from your skin keeping you dry and comfortable.

Unique raised rectangular construction circulates pockets of warm trapped air between your skin and fabric while micro denier fibers speed moisture evaporation. Tightly knit, and highly stretchable micropoly construction provides insulative and thermal properties to keep your core body temperature at the perfect level during hard exertion on those cooler days.

Unique box-like construction increases the outer surface area of the fabric which improves transfer of perspiration away from the skin for speedy evaporation, while small channels promote ventilation for proper temperature modulation.

Lightweight durable stretch mesh used in outerwear, to provide excellent breathability, and moisture transfer.

A proprietary tanning process is used to produce extremely soft, water repellent, and breathable leather. Piltards leather provides excellent grip, and abrasion resistance.

Powerful, Stretchable PS3000 is a nylon/Lycra blended fabric designed to support muscles during exercise, helping to decrease fatigue while maximizing muscle efficiency.

Unique spun micro fibers create loft which quickly absorbs moisture and transfers it away from the skin to the exterior layers of the fabric for quick evaporation.

Technical, quick-drying hydrophobic micropoly yarns speed up the evaporating process by drawing moisture away from the skin and onto the fabrics outer layers. Brushed inner-surface is extremely soft.

Sanded nylon/Lycra construction provides luxurious comfort and thermal properties while maintaining great muscle support and moisture management.

Brushed heavyweight Thermal-tech fabric maintains incredible warmth as well as breathability for the best in winter-weight apparel performance.

Thermaldress fabrics unique construction traps body heat within the soft brushed inner surface of the fabric while transferring out moisture for quick evaporation.

The original "warmth without bulk" offering tremendous warmth in a lightweight design. Thinsulate provides over 12 times the warmth of down and nearly twice that of synthetics when equal thicknesses are compared.

Silky smooth Titan PS is a powerful, stretchable nylon/Lycra blended fabric which is engineered to support muscles through compression which can significantly reduce fatigue and decrease recovery time by eliminating muscle vibrations during hard exercise.

Technical soft shell laminate provides a stretchable outer shell which is completely wind, waterproof and breathable, then bonded to an inner fleeced material for additional warmth and comfort.

Windproof and water resistant breathable membrane which is extremely soft, stretchable and lightweight. Material provides reflective properties to enhance rider visibility.

Lower denier yarn on the outside draws moisture through from the higher denier yarn on the inside. In addition the inside yarn transports water through its capillary action. This combination multiplies the moisture management performance keeping you comfortable and dry.

Micropoly yarns spread water droplets over a larger surface area to allow for quick evaporation. Open-knit design maintains significant airflow also accelerating the drying process.

Waterproof, breathable fabric. Zenith XT is a unique 2-layer design that does not need a liner. Inner surface treatment allows the breathable innovative fabric to have a smooth dry touch, while keeping excess bulk to a minimum.