

THERMO-PLUS TECHNOLOGY

Thermo-Plus is Levels certification and guarantee for outstanding insulation and heat retention of the natural warmth of the hands even in the worst climate conditions. Level created a machine to test the gloves in a series of extreme weather conditions. The results, collected in an efficiency index, report the gloves' thermicity values. Thermo-Plus products values aim to be at least 30% higher than standard gloves' ones.

GUARANTEED TO KEEP YOU WARM



Product certified for temperatures up to
-25° C | -13 F



Product certified for temperatures up to
-20° C | -4 F



Product certified for temperatures up to
-15° C | 5 F

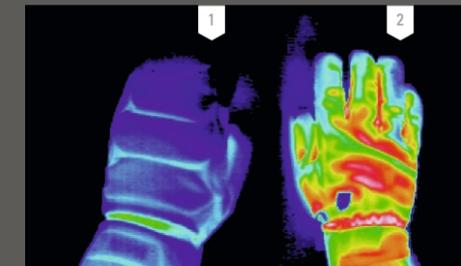


Product certified for temperatures up to
-8° | 17,5 F

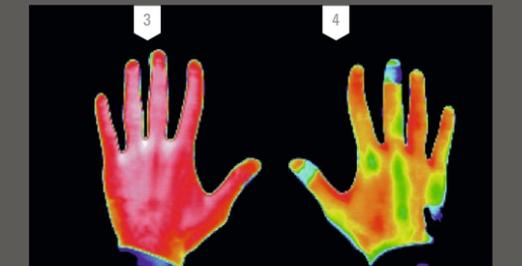
SCIENTIFIC TESTS TO GUARANTEE THE THERMOPLUS CERTIFICATION

The choice of the appropriate material for the construction of the gloves is of fundamental importance in order to achieve ergonomic comfort and high thermal insulation. Their thermal insulation and moisture management of the gloves is created through the use of different materials. Such materials have been tested in both a climatic chamber and in outdoor conditions using wireless sensors combined with infrared thermography. The results show substantial differences in terms of thermal comfort between the gloves, proving that Level provides the best thermal comfort for all its products.

In the thermal image #1 no leakage of heat can be seen from the outer surface of the glove (absence of the color red) thanks to its excellent insulation.

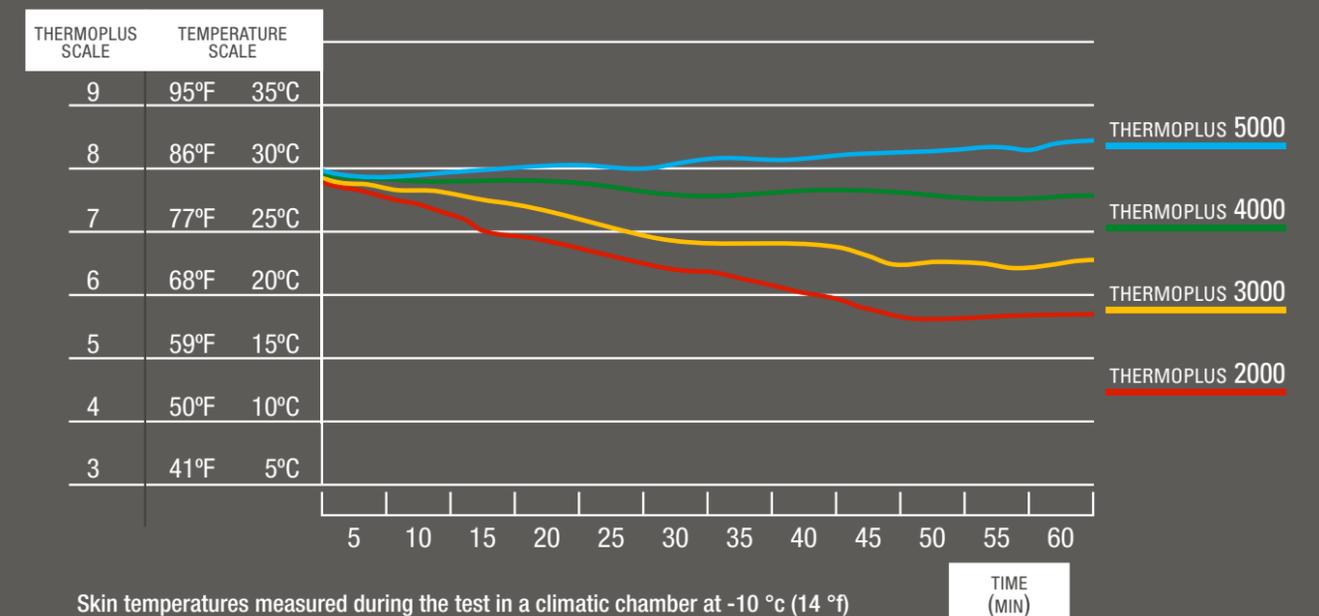


After removing the glove, the thermal image #3 shows the hot temperature of the hand (absence of the color blue) thanks to the gloves' insulation.



THERMAL BEHAVIOUR OF THE MATERIALS IN REAL AND SIMULATED SKIING CONDITIONS.

Thermal insulation is one of the key factors for protection against the cold. Since hands tend to have a large surface area compared to their volume and small muscle mass, they are more sensitive to cold exposure in respects to other parts of the human body (Kulane, 2009). It has also been reported that the feeling of cold discomfort in the hands will dominate even if clothing of proper insulation are used on the rest of the body. Hands are most comfortable with a skin temperature of 33°C (91.4°F) and relative humidity next to the skin of about 60%. The feeling of cold starts at temperatures around 25°C (77°F), whilst discomfort from cold is reported to begin with temperatures below 20-21°C (68-69.8°F).

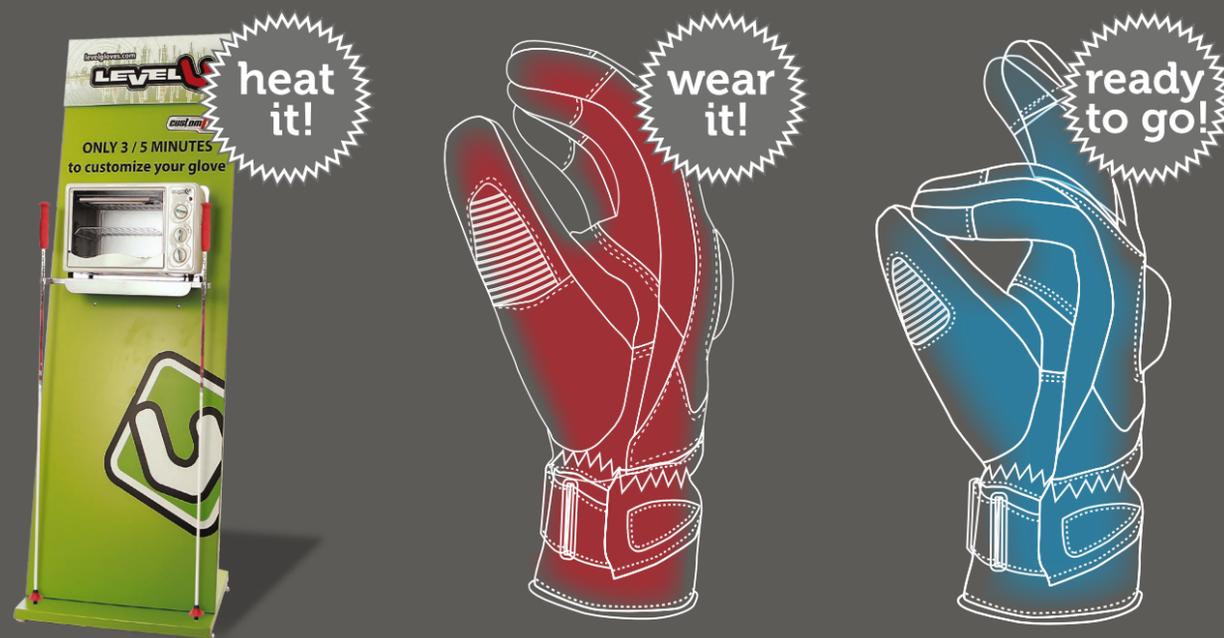


Skin temperatures measured during the test in a climatic chamber at -10 °C (14 °f)

TIME (MIN)

CUSTOM FIT SYSTEM

This new system gives the possibility for the creation of a product that is customised to the skiers/riders needs. The padding in the custom fit gloves is made with a breathable thermoformable material, that after 180 seconds of heating at 80°C in our dedicated oven, takes the shape of the skier's hand. While the gloves are still hot the rider has to wear them for 3-5 minutes so they can take the shape of the hand. This customization can be repeated as often as they like. The benefits for the skier are: a custom fitting glove, improved comfort, high sensitivity and a better grip on the ski poles.

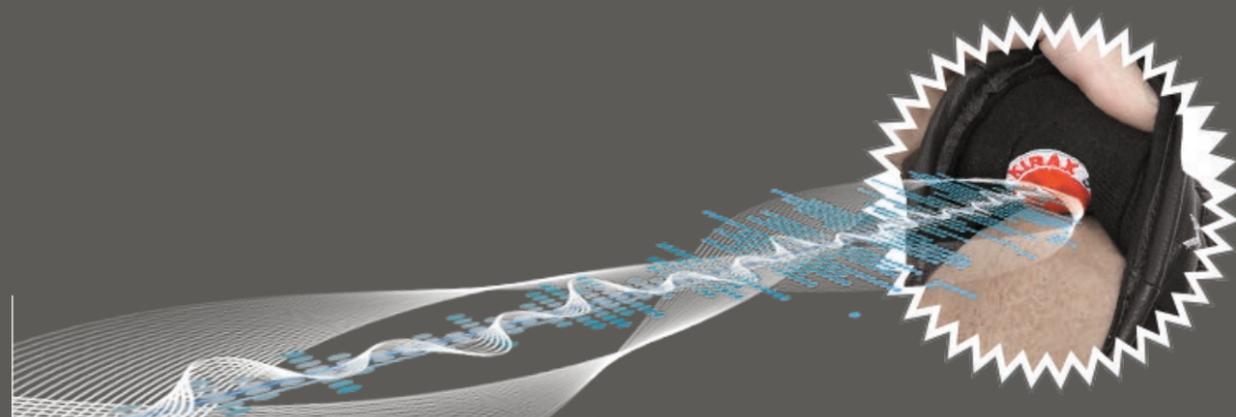


KIRAX STIMULATOR SYSTEM

Level is the first company to introduce the exclusive Kirax system into ski gloves. This innovative technology stimulates the body's nervous system in a unique way so that it enhances reaction time, performance and a general sense of well-being.

The shape of the design maximizes comfort while gently massaging the proprioceptive nervous terminations on the back of the hand to jump start the body's reflexes.

Kirax is a natural reflex stimulator. It exerts a gentle pressure to stimulate the skin's response system in areas where there is a higher concentration of proprioceptive nervous terminals. The brain perceives the increased stimulus generated by Kirax and responds with an increased sensibility.



LEATHERS



With over 20 years of experience in the world of snow sports and ongoing research, Level has always aimed to choose the highest quality fabrics and leathers for their wide range of gloves which are differentiated by thickness and quality specifications for their many uses.

WATERPROOF GOATSKIN:
A soft waterproof leather, used mainly for ski gloves in areas which are exposed to high abrasion such as the palms or between the thumb and index finger.

HAIRSHEEP PITTARDS:
A waterproof leather that is exceptionally soft, used especially on the backs of the gloves.

SHEEP SKIN:
A very soft leather used for women's gloves, especially on the back of the hand to give the glove extra softness.

COATED WATERPROOF GOATSKIN:
This leather is used on the palms of freeride gloves, its exceptional waterproof resistance keeps the glove dry and long lasting.

QUARTZ PITTARDS LEATHER:
Pittard leather has a lasercut design providing an extra strong grip in specific points of the palm.

DRAGON PITTARDS:
This waterproof goat leather has a design that makes it special and durable. It is used on the palms of snowboard gloves.

FABRICS



The choice of fabrics is made by our R&D department, in collaboration with top athletes and advice of different stylistic groups from all over the world. We follow the main trends in style and color but keeping as the primary objective fabrics with exclusive features, both in structure and trend that makes them unique and inimitable.

SPRAY TEST
All level fabrics are tested with the "spray test" to be approved and certified for maximum water resistance.

DRY TECHNOLOGY



Gloves engineered with GORE-TEX® inserts + Gore active technology are durably waterproof, windproof and highly breathable – guaranteed. The whole system of inner lining, membrane and outer material is optimized for enhanced breathability. This increases the level of comfort in an even wider range of activities.



Gloves engineered with GORE-TEX® inserts + Gore warm technology are durably waterproof, windproof and breathable – guaranteed. Even in harsh conditions the whole system of inner lining, membrane and outer material is optimized to keep your hands warmer for longer.



Gloves engineered with GORE® WINDSTOPPER® product technology offer absolute windproofness and water resistance while being extremely breathable. They are the ideal solution for all kinds of high aerobic sports in moderate weather conditions.



Special treated leather that withstands tough, outdoor conditions. The leather is thoroughly waterproofed and its structural properties provide effective protection against moisture.



Gloves engineered with GORE-TEX® inserts + Gore grip technology are durably waterproof, windproof and breathable – guaranteed. Thanks to their innovative layered construction, they provide outstanding dexterity and tactility for an optimum grip. This makes it easier to handle your ski poles, zippers, goggles, bags, etc.



Gloves engineered with GORE-TEX® inserts + Gore 2in 1 technology are durably waterproof, windproof and breathable – guaranteed. Their innovative construction with two different chambers makes it easy and convenient to change between direct grip and warmth.



A membrane insert that creates a waterproof barrier between exterior layer of the glove and the insulating materials. It optimizes warmth and comfort by keeping the hands dry.



The fabric is laminated with a process that permits to add a breathable waterproof membrane to the outer material, optimizing warmth and comfort while keeping the hands dry.

INSULATION



Level products are insulated with exclusive, high-fill power goose down ranging from 550 to 900 fill, which represents the highest quality down commercially available. The down is isolated in small chambers so there is no fill migration; this ensures goose down even distribution and a great insulation performance.



Soft insulation fabric. An insulation that is water repellent! Unlike down, it won't hold water so it even keeps you warm when it's wet! A warm and soft feeling that offers good breathability.



Soft, supple, and less bulky than high-loft insulation. The exclusive blend of fibers traps in more air for more warmth.



Level is presenting a new silk lining in the women's line which offers a great softness and increases thermal insulation.



The unique microfibers of Thinsulate insulation are ten times smaller than the fibers of other synthetic insulations, which means they're much more efficient at trapping air and keeping in the warmth. It will avoid the formation of cold spots in your hands by filling all the multiple airspaces.



The new LEVEL insulation solution. Soft feeling and thermal benefits together.



Polartec® Power Stretch® fabric features 4-way stretch and it is very breathable. It provides warmth without weight. The 4-Way stretch system provides unrestricted freedom of movement. It keeps skin dry even when you sweat, maintains hands warm without the weight and bulk of traditional insulating fabrics and will reduce the effects of wind chill thanks to its fabrics.



This natural material is characterized by thin fibers which do not retain odors making this type of wool antimicrobial. Wool provides warmth and draws sweat away from the skin, keeping a sensation of dryness.

HIGHLIGHTS

ADJUSTABLE STRAP

This closing system makes it easy to fit under jackets therefore offering a better closure.



BREATHABLE SYSTEM

An air exchanging vent is placed on the back of the glove allowing moisture to escape. This improves the drying time of the glove and avoids hands getting wet.



POWDER CUFF

This nylon cuff has a convenient adjustment for the closure around the wrist preventing snow from getting inside when riding powder.



PREFORMED FINGERS

This is a special anatomical construction that permits a preformed shape. The preformed shape reduces wrinkles on the palm and guarantees better fit and sensitivity.



FLEX PALM

The elastic cordura insert on the palm allows for a better fit, more flexibility and a cozy feeling.



GOGGLE CLEANER

This new design of suede material is placed in a very efficient position making it easier to clean goggles.



REMOVABLE LINER - WARMAX

A removable lining where the back of the lining is built with a hot thick material whilst the palm is thinner to maintain sensitivity. The removable liner can be removed and washed.



SAFETY STORM LEASH

A new leash concept that offers an increased safety feature for riders and skiers.



H&R

Round finger tips are more durable and reduce catching on abrasive objects.



I-TOUCH SYSTEM

The "i-touch" system allows you to use your smart phone without having to remove the glove.



SILICONE PRINTED PALM

A silicon pattern applied to the palm. Provides excellent waterproofing, improved sensitivity, and exceptional grip.



STORM LEASH

This cord is used to secure the glove to your hand with an adjustable plastic. A big advantage when you don't want to wear gloves but want to keep them attached to the wrist.



KEVLAR

Level uses only schoeller kevlar, the strongest kevlar on the market. Guaranteed to have the best durability.



MULTIFUNCTION POCKET

Pocket positioned on the top of the glove. May be used to insert hand warmers, ski-pass or other small objects.



SUPER FABRIC

Coming from MotoGP experience this material is now the "state of the art" of ski racing impact solution. Extra resistant to friction at high speeds.



THERMAL REFLECTIVE

Little silver dots reflect and retain the warmth your body generates, while dissipating moisture and excess heat.



NOSE CLEANER

Special flock fabric placed on your thumb. Provides a gentle feeling when used as a nose wipe while riding or skiing.



OUTSIDE FINGER STICHING

This construction provides a better fit and a perfect grip.



WIND&RAIN COVER

Created by Level to improve wind and rain protection this technical feature is the perfect solution for temperature and weather changes



WORLD FINEST LEATHER

The finest goat leather in the world. Levels' leathers natural water repellency, durability, and insulating properties guarantee the best performance.



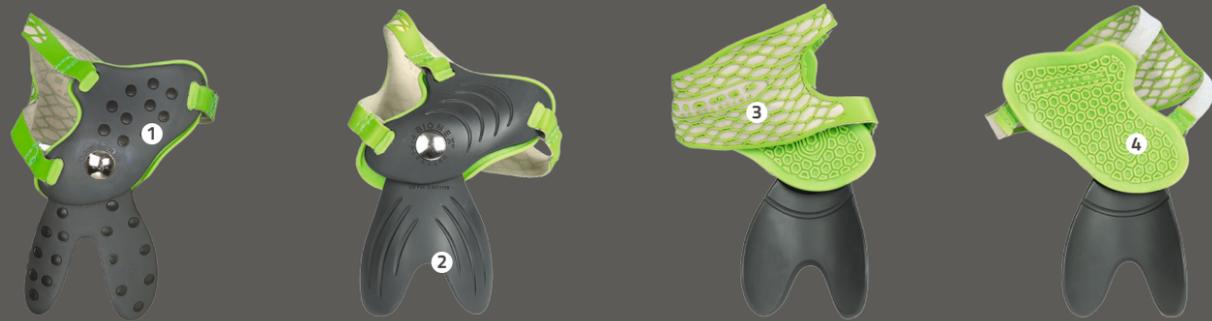
BIOMEX PROTECTION



Control Board - TÜV SÜD Product Service GmbH

It's all about pushing the limits. Level gloves with Biomex wrist protection can help you stay in one piece...So you'll be riding tomorrow instead of seeing the doctor. Levels proven Biomex wrist protection system is the result of an extensive and on-going collaboration between snowboarders, the medical community, and engineers who understand bio-mechanics. Biomex research and development is based at the Klinik Gut, center of bone and joint surgery in St.Moritz, Switzerland, where Level pros and physicians design and develop the most advanced wrist support technology on the market – the Biomex Plus. For beginners, the most frequent cause of a wrist fracture in snowboarding is a backwards fall. For more experienced riders it's a front and sideways fall. There are many wrist guards on the market, but based on their design, they don't all deliver the same degree of safety performance.

SNOWBOARD PROTECTION



1 - DOUBLE DENSITY MATERIAL

Higher resistance and better comfort

2 - SWALLOW TAIL DESIGN

New ergonomic shape for better comfort and ease of movement

3 - BIOMEX SELF ADJUSTMENT

The biomex piece can be used with or without removable lining

4 - SHOCK ABSORBER MATERIAL

Shock reduction and better fit

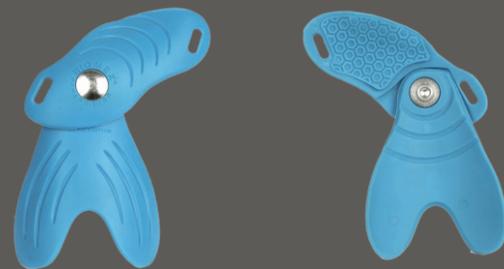
WOMEN SNOWBOARD PROTECTION



6- SPECIFIC WOMEN'S FIT

Specifically designed for women's hands for improved fit and comfort

FREESKI BIOMEX EVOLUTION

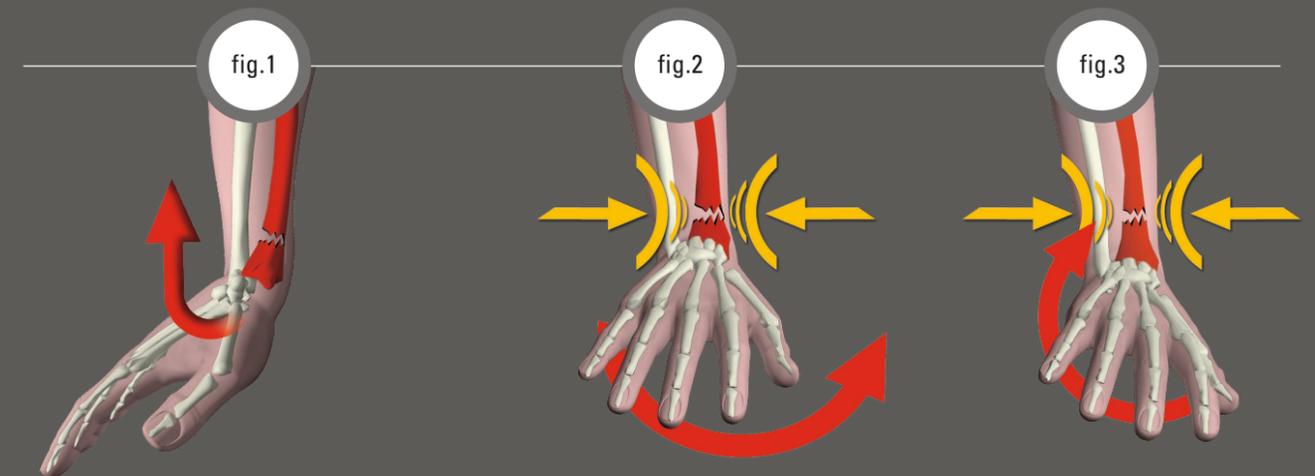


6- SPECIFIC DESIGNED FOR SKIERS

Shorter and softer material, it is attached to the lining and fits anatomically to the hand.

HOW DO YOU GET HURT?

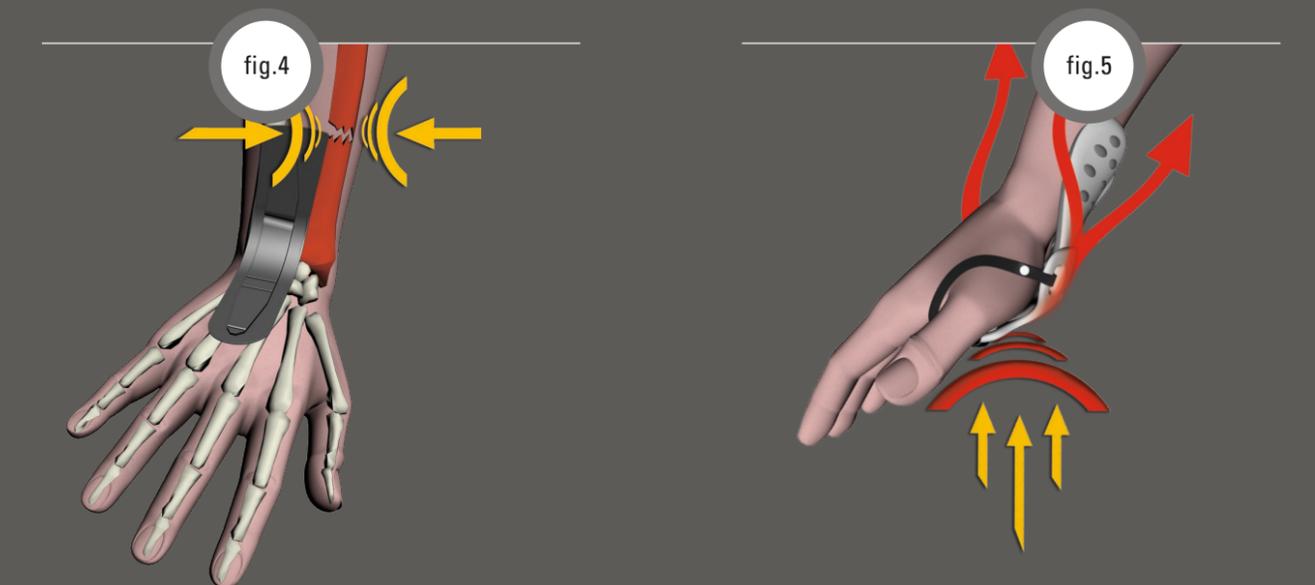
During a fall your wrist is put in hyper extension (fig.1) (The back of hand is pushed towards the forearm). In addition to this hyper extension, the wrist often experiences two types of twisting forces technically referred to as pronation (fig.2) And radial adduction (fig.3). It's the combination of these three forces that most often causes a wrist injury such as a wrist fracture.



Most wrist guard systems deal with hyperextension alone, but the biomex system addresses all three of the forces that contribute to wrist injury. Standard wrist guards frequently push the fracture further up the forearm (fig.4).

HOW DO YOU GET HURT?

Biomex (fig.5) is the only wrist guard that keeps the wrist in an anatomically strong position, where muscle forces and bone congruency combine to provide optimum stability without compromising the freedom to move.



HELPS TO REDUCE INJURIES BY 7,5 TIMES WITH BIOMEX PLUS

THUMB PROTECTION SYSTEM

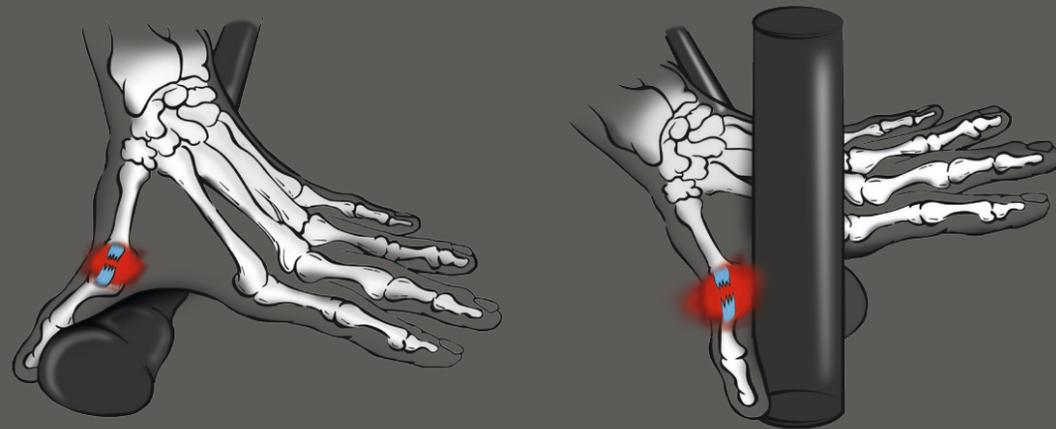
Hand injuries in general tend to be disregarded by both patients and doctors, until it happens to oneself. Never was this more the case than in thumb injuries, as the importance of the thumb is usually under appreciated, until injured.

INJURIES OF THE THUMB ARE FAIRLY COMMON IN SPORTING ACTIVITIES.

In skiing they are reported to be the second most frequent injury after the knee. In detail thumb injuries are reported to make up between 5% - 20% of all injuries in Alpine skiing and are sustained by approximately 80,000-240,000 patients per year world wide.

The Ski Thumb is an injury affecting the ulnar collateral ligament (UCL) at the metacarpophalangeal joint of the thumb. The mechanism is due to the forces which are applied when a skier falls with the pole in his/her hand. The handle of the pole will act as a fulcrum applying forces across the joint and thereby putting the ligament under strain.

The skier hits the surface with high velocity (high energy trauma). If the hand is stretched out as a natural reflex, there is a significant chance that the thumb will be forced outwards resulting in a fracture of the UCL.



THE GOAL OF THE NEW LEVEL THUMB PROTECTOR IS TO HELP PREVENT INJURY TO THE UCL AND BONE STRUCTURES OF THE THUMB.



1- SUPER FABRIC

Extra resistant and sliding advantage.

2- ERGONOMIC SHAPE

Guarantees fit and comfort.

3- SIDE BUCKLE

Strong adjustable closing system.

4- THUMB POCKET

Holds thumb in place.

