



**SUPERFABRICS** are highly technical fabric applications that can be found on garments like the Navigator Jacket. Offering high levels of abrasion resistance, higher tear strength and stain resistance than standard base fabrics.



**DUPONT TEFLON®** fabric protector is applied to the outer fabric to increase the garments protection from water, dirt and stains.



**OUTLAST®** Temperature Regulating Technology is renowned world wide as the product for temperature regulation. Initially cool to touch the Outlast® microcapsules absorb excess heat. Stored heat is released back to the body as required resulting in a constant microclimate. Not too hot, not too cold, just right™.

## SYMPATEX



The Sympatex membrane is a 5µm thick membrane that is laminated on a textile base, providing apparel and shoes with protection against moisture. The secret of the Sympatex membrane is its functionality based on its composition. The non-porous membrane functions solely according to physiochemical principles. The hydrophilic (water-attracting) elements of the Sympatex membrane absorb moisture (transpiration) in the form of vapour from the body and transport it from the inside to the outside. What is special about this process is that the Sympatex membrane adapts to the increasing level of exercise, offering dynamic breathability.

The non-porous structure of the compact hydrophilic membrane ensures optimal climate control and keeps drops of water (rain) away.

The Sympatex functional textile is made of polyether-ester that represents no health hazard and is therefore absolutely environmentally friendly and skin friendly and recyclable like a PET bottle. Sympatex is used within our premium waterproof products such as the Explorer Jacket & Jeans. Optimal breathability / 100% waterproof / 100% windproof / 100% recyclable

## KNOX



All riding products are developed to fit CE approved Knox protectors. Knox specialize in the design and manufacture of impact protection for use across a wide range of high risk sports, including motorcycle riding. As the 1st company in the world to gain CE approval they are recognised as a brand leader in their field.

We carefully consider the riding requirements of each garment before selecting the appropriate protection, for example our Adventure/Tour garments use the longer elbow and knee protectors for coverage to the wrist and over the shin, whilst our classic and ladies garments use the shorter soft compound flexiform protector.

A number of our jackets now also feature a new CE approved back protector. The Knox CE Back Protector is engineered to form a very strong, flexible and comfortable protector.

- Knox Advance X Impact Protectors are made from a 3 layer construction with a unique polypropylene honeycomb inner core
- Weight Advantage - Feather light at an average of only 120g for a back protector
- CE approved to EN1621-2 Level 1 back protector
- Fits to all jacket styles
- Made in England

## TRITEX



TriTex is a performance membrane developed by Triumph, offering high performance waterproof, windproof and breathable technology to a number of our products. TriTex is a porous membrane that offers high levels of waterproof protection against the elements while the windproof properties protect against the wind-chill.

Products like the Acton 2 Jacket use a Z-liner where the membrane is placed between the outer shell and inner lining of the garment giving the product greater flexibility during riding.



## D30

The D30 material in its raw state flows freely when moved slowly, but on shock, locks together to absorb and disperse energy, before instantly returning to its flexible state. This unique characteristic provides enhanced protection, while providing a versatile and flexible material that can be manufactured for a host of shock absorption and impact protective applications.

Triumph Denim Jeans have incorporated D30 into their range knowing that it is low profile and lightweight despite passing the compulsory ambient and wet test as well as the cold test according to the new motorcycle standard EN1621-1:2012.