



Dryway® and Dryway+®

This technology has completely changed outdoor life, especially motorcycle riding. Smart ‘breathable materials’ used in everyday situations have helped make life that little bit easier. These materials create a considerably nicer climate for your body. We have chosen to use Dryway® and Dryway+® in many of the items in our range. These are functional membranes developed with our help to make sure that they can withstand the rigours associated with riding a motorcycle. Speed and wind make particularly high demands of clothing in terms of its ability to withstand wind and rain. Dryway® and Dryway+® essentially share the same properties, but Dryway+® is more flexible and therefore also functions better under extreme loads. This is particularly important in areas such as the knees and seat. The technology behind Dryway®, Dryway+® and the various other types of functional membrane focuses on differences in temperature and moisture on the inside and outside of the membrane. Heat on the inside is released as moisture, but moisture on the outside is prevented from penetrating the fabric. In some situations when it is warmer on the outside, the opposite may happen and moisture will be able to penetrate the membrane. This can happen, for instance, if you use heated grips or have a bike with a heated seat.

The three layer principle.

Functional clothing and fantastic materials are all very good but to achieve the best results you have to be wearing the correct gear underneath as well. This is where the well-known three layer principle comes in.

Layer 1 – next to the body. You should start with polyester or wool underwear that wicks moisture away from the body. A layer that can transport moisture will automatically help to keep you dry. Cotton should definitely be avoided as it absorbs moisture, cooling the body.

Layer 2 – an intermediate layer for insulation. You can vary this layer to suit the outdoor temperature and activity. The most common and best choices are fleece, polyester or wool or else a garment with Outlast® that can even out the temperature. Of course cotton should also be avoided. If the weather is warm enough, you can leave out this layer altogether.

Layer 3 – the outer layer. The primary function of this layer is to protect against wind and rain but it should also work in conjunction with the other layers to wick moisture away from the body. This is where our clothes with Dryway® and Dryway+® come in.



Cold gets warm gets cool.

Outlast® is a high-tech material that evens out differences in temperature. Cold gets warm and warm gets cool. This material was originally developed to protect astronauts from extreme variations in temperature. Today, it features in numerous applications that make our everyday lives more comfortable.

Outlast® has the ability to regulate the temperature of the air next to the body for a comfortable ride whatever the weather conditions. It sounds like magic but there is a scientific explanation. In simple terms, the material is made up of millions of microscopic paraffin capsules that absorb, store and distribute heat to cooler areas. When the clothes are warm and the temperature drops and gets cool, the stored heat ensures that the fabric stays warm, and vice versa. Differences in temperature are evened out and you stay comfortable for a more enjoyable ride.

Find out more at www.outlast.com.

HI-ART

HI-ART®

What's not supposed to happen, just did! You've come off and hit the ground but know this is just the beginning.

If you crash at 110 km/h, it will be another five to seven seconds before you come to a stop. At this speed on asphalt, normal clothing would only survive a fraction of a second!

HI-ART® is a material that has been developed by us for use in exposed areas on many of our garments. This allows us to increase frictional resistance by over 500 per cent for textiles and over 200 per cent for leather – without the clothing becoming overly expensive.

HI-ART® is a material very similar to terry cloth. The thread is guided towards the outside in small loops, meaning friction is taken up by the short ends of the fibres. It's like cutting a piece of wood – it is much more difficult to cut in the direction of the grain than across the grain.

Make sure your clothes have HI-ART® in case the worst should happen.

