

TECHNICAL GUIDE

ISOTEX 10000 ISOTEX STRETCH 10000

Our most advanced wet weather protection offering waterproof, breathable and windproof performance for active use.

A waterproof membrane prevents external moisture leaking in to a minimum of 10,000mm water column, known as hydrostatic head.

A breathable membrane allows moisture vapour to escape from the inner garment with a minimum of 10,000g of water vapour passing per square meter of fabric per 24-hour period (g/m²/d).

Durable water repellent technology applied to the outer fabric repels moisture and prevents it gathering on the surface of the garment.

* Stretch yarns give greater range of movement for active use.

WATER REPELLENT

Water repellent garments use our durable water repellent technology to repel moisture and prevent it gathering on the surface of the garment. This involves a coating applied to the outside of the fabric which causes water to bead and roll off the surface when it comes into contact with the fabric.

Water repellent does not mean waterproof, but it is the first layer of protection making garments perform better outdoors. Regatta's durable water repellent technology has been PFC free (Perfluorinated Compounds) as of September 2020.

THERMO GUARD

Thermoguard insulation traps air in its synthetic sheets of fibres for warmth and comfort. Quick drying and water-repellent, its easy care properties will keep you warm even when wet.

HYDRAFORT 5000

Our original wet weather protection offering waterproof and windproof performance for everyday outdoor use. A waterproof membrane or coating prevents external moisture leaking in to a minimum of 5000mm water column, known as hydrostatic head.

Durable water repellent technology applied to the outer fabric repels moisture and prevents it gathering on the surface of the garment.

SOFTSHELL XPT SOFTSHELL

A softer more versatile alternative to a waterproof outer shell.

Our 2-layer bonded Softshell fabric comprises; a tightly woven outer fabric with water repellent and windproof performance, and a soft breathable inner fabric for comfort and warmth.

Our 3-layer softshell XPT fabric includes a waterproof and breathable membrane sandwiched between the fabric layers for full weatherproof performance.*

*As 3-layer fabrics have a membrane, they are waterproof and windproof, though garments do not feature taped seams so they can only be labelled as water repellent.

WARM LOFT

Warmloft insulation is our premium synthetic down. It traps air in its clusters of loose lofty fibres and guarantees to keep you warm.

Its highly compressible and soft to touch with quick dry and water repellent properties to keep you cosy even when wet.

WATERPROOF TAPED SEAMS

Our waterproof garments have a of tape applied on the inside of the garment along the stitched seams.

The tape has the same waterproof performance as the fabric its applied to, and creates a waterproof seal over any stitching holes that are created when the garment is sewn together.

Taped seams are the final element allowing us to label our garments as 'fully waterproof' paired with waterproof membranes and our durable water repellent technology.

WINDPROOF

Windproof fabrics are generally assembled from multiple layers, with a tightly woven construction to prevent air penetration.

The layers and the construction retain heat offering insulation against gusts of wind, whilst still allowing breathability.

BAMBOO PROTECT

Bamboo fibres have natural antibacterial properties, which help prevent odour and keeps clothing fresh for longer periods.



SUSTAINABLE COTTON

Our cotton is sourced through Better Cotton, the world's leading cotton sustainability initiative.

Their mission is to help cotton communities survive and thrive while protecting and restoring the environment.

COOLWEAVE ♻️

Made from 100% polyester with a special airflow construction to keep you cool and comfortable.

It quickly draws moisture away from the skin to the exterior of the fabric where it evaporates.



Reinforced triple stitched seams used to give extra strength to garments that need to work hard.



Our hardwearing and reliable fabric to withstand the everyday wear and tear of the workplace.

Durable and abrasion resistant yarns and water repellent technology to perform in the toughest conditions.

CORDURA Fabric

Cordura® fabric offers industry renowned tear and abrasion resistance with long-lasting durability, ideal for areas of high use where extra protection is required.

BRITELIGHT

Our Brite Light garments feature torch technology in the sleeve, which displays three different brightness settings, lighting the way when visibility fades.

Operated via a push button the torch is easily detachable to allow garment washing, & rechargeable via USB. A full charge on the maximum setting (80 lumens) will last for 2 hours, whilst the lowest setting will work for 8 hours.

SYMMETRY ♻️ FLEECE

Comfort, quick drying, fleece technology with antipill finish making it durable and long lasting.

EXTOL STRETCH ♻️

Our stretchiest fabric technology, with bounce back recovery.

This ergonomic, quick drying fabric prevents windchill, providing comfort and freedom of movement for active wear.

RFID

Our RFID protective pocket lining technology contains metal fibres which interfere and shield signals from scanning devices.

THERMO-REFLECT

Our thermoreflex technology uses tiny silver dots to reflect body heat back to the wearer. Found in our premium jacket linings it offers the ultimate in heat retention.

THERMOGEN

Our heated technology garments are lined with an electronically powered copper heating zone, powered by a battery pack which sits within an inside pocket.

On a full charge, you can expect up to two hours worth of continuous heating. The battery is USB powered and is sold separately.

EXTENDABLE HEM

Our innovative hem feature, allows users to easily extend the length of the garment by offering two options: a standard size and a length that can be extended up to 5 cm.

HIGH REACH

Our high reach technology includes an underarm gusset construction which allows for the maximum range of movement and unrestricted flexibility. Garments that have you covered on the job.



Scan the QR code to find out more about our sustainable fabric updates.