



***HALOS<sup>®</sup>***  
***A GROUND-BREAKING***  
***HEADBAND***  
***TO PROTECT THE BRAIN IN SPORT***

# **ABOVE** THE NECK

**YOUR BRAIN DETERMINES YOUR PERFORMANCE IN SPORT, AND IN LIFE.**

Whatever the sport, impacts to the head create rotational forces which cause the brain to rotate inside the skull, brain cells to shear, tiny blood vessels in the brain to be torn and an abnormal and harmful uncontrolled inflammation which damages the brain.

This increases the risk of longer-term neurodegenerative consequences including Chronic Traumatic Encephalopathy (CTE).



## **ROTECTION<sup>®</sup>** **TECHNOLOGY**

**Rotection is specifically designed technology that reduces the transmission of rotational forces to the brain.**

Rotational forces are the greater risk in sport and more damaging to the brain. Rotection technology allows for the movement and opposing movement of nine unique protective layers in a "zig-zag" way to absorb up to 30mm of impact, reducing the transmission of rotational forces to the brain, and the wearers' risk of concussion and sub-concussive brain injury.

Rotection technology is proven to reduce the transmission of rotational forces by 61%, based on independent testing.

# WHO IS AT RISK?



## **EVERYONE.**

More than 90% of concussions are not associated with a temporary loss of consciousness, and more than 80% of concussions are diagnosed the next day, or several days later. Sub-concussive impacts do not produce overt signs or symptoms, but cause damage to the brain.

Changes in white matter, brain connections and blood flow can persist a year or more after a concussion.

Brain injury can impact every player whatever their age, position, team, fitness and experience level.

## **CHILDREN AND YOUTHS.**

Between ages 8-12 is when peak development of the brain occurs, but the brain is still developing through the refinement and rearrangement of pathways and connections between cells until early 20s.

Players experiencing head impacts prior to age 12 have been found to have demonstrated worse cognitive and new learning ability as adults.

## **SPORTSWOMEN.**

Females are at least three times more seriously impacted by concussion than males, have longer recovery time and post-concussive symptoms are more pronounced.

This is because of differences in the microstructure of the brain, the influence of hormones, coaching regimes and the management of injuries.



# REZON HALOS®

**REDUCES THE RISK OF CONCUSSION  
AND SUB-CONCUSSIVE BRAIN INJURY.**

Halos is a thin, lightweight, soft and flexible sports headband that covers 80% of the head areas with the highest probability of receiving an impact in sport.

Deliberately engineered to allow for zero distraction and no change to playing style.

Moulds to fit every head shape and hairstyle, allowing for maximum comfort.

Halos is machine-washable.

Tested against CE safety specifications and issued with EU type-examination certification as a Category II Personal Protective Equipment product.

## OUTER LAYER

A water repellent, tear-resistant performance fabric that is customisable to different patterns and colours.

## INNER LAYER

Next to the skin is an anti-microbial and hypoallergenic lining with breathability and sweat-wicking properties. A textured silicone grip ensures that it remains securely in place.

## ACTIVE LAYERS

Rotecton® technology is made up of nine unique protective layers that allow for the movement and opposing movement of the layers to reduce the transmission of rotational forces by up to 61%, based on independent testing.

## CONTACT US

[hello@rezonwear.com](mailto:hello@rezonwear.com)

## PURCHASE REZON HALOS AT

[www.rezonwear.com](http://www.rezonwear.com)

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**REZON**

**PROTECT YOUR  
PERFORMANCE**

Rezon Ltd, The Greenhouse Business Centre,  
Greencroft Industrial Park, Stanley, County Durham, DH9 7XN

Company No: 13433459 - VAT No: 387590249 - ICO No: 00018248433