



Barrier for your brain



KOROYD prevents energy rebound, enhancing stability and retention.

KOROYD slow down the force of impact in a controlled manner, keeping the helmet in place when it matter most. When KOROYD is impacted, energy is better absorbed through sacrificial plastic deformation. The material acts as a true energy absorber rather than a spring, crumpling, absorbing and protection the wearer.

KOROYD provides a visual end-of-life indication for product replacement needs and improved safety.

Knowing when to replace a safety helmet is a daily decision. Having a clear indication that a helmet is damaged and should be replaced can save lives, as well as provides accountability and evidence when investigating lost time accidents or workplace injury situations. KOROYD's tubes crumple and buckle under severe impact. When compressed, it's easy to see that the product should be replaced immediately.

Innovating Helmets to Reduced Heat Stress.

As heat-related injuries and fatalities mount, it is imperative to find innovative solutions to worker protection. As part of a continued mission to advance the standard of protective solutions, Koroyd has completed a rigorous test protocol to evaluate the thermal comfort of industrial helmets, with stunning results.

According to the test results, Koroyd integrated industrial safety helmets show a heat index reduction of up to 6.07 °C / 10.92 °F for the type I and 4.51 °C / 8.11 °F for the type II. Solutions like Koroyd-integrated safety helmets are poised to answer the demands of a warming world and protect workers while reducing heat stress.

