What is Koroyd?

Koroyd is a welded tube structure designed to crumple instantly and consistently on impact, absorbing maximum force in a controlled manner, minimizing energy transferred to your head.

Advanced impact technology

Koroyd outperforms other materials at every stage of compression, helping reduce the risk of workplace injury. Koroyd improves safety, performance, and wearer experience by offering enhanced impact protection, lower profile designs, and more breathable products.

Every jobsite incident is different, but one thing is certain: at any angle of impact, you want the best technology possible - specifically engineered to protect what matters most.

IMPROVED SAFETY + PERFORMANCE

Impact protection.
Koroyd's unique behavior absorbs more energy, better protecting the skull and brain from any angle of impact.

Leading performance.
Koroyd outperforms EPS foam by 48%, featuring advanced impact technology that prevents energy rebound while enhancing stability.

Visual end-of-life indicator.
Regular visual inspection of Koroyd's tube structure can identify compromised PPE and replacement needs, leading to improved wrokplace safety.

ENHANCED WEARER EXPERIENCE

Reduced ride height.
Koroyd allows for a compact, lower profile design and a flattering, comfortable fit. The result? A helmet you want to wear and less short-term removal.

Reduced heat stress.
Air flows consistently through Koroyd's open cell structure, allowing hot air from the head to easily escape for more efficient cooling.

Lightweight.
Featuring the world's thinnest walled tubes, Koroyd's structure is 95% air, providing reduced weight and enhanced comfort without compromising on safety.



