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ESJOT TAKES TOE CAPS TO ANOTHER LEVEL

A patented toe cap with aluminium alloy containing titanium, offering a light-weight and durable alternative to the traditional steel toe cap, has been developed by Esjot Group, the market leader in metallic safety components for the footwear industry, part of Texon International. The toe cap, which will be launched at Lineapelle, has been created using liquid forging. This innovative technology offers variable gauge thickness while maintaining a good shape and dimension to match the necessary standards and specifications of different industries.

Conforming to the EN12568 Standard, the new aluminium toe cap absorbs more energy on impact than steel, yet its lightweight properties (200 joules approved) offer greater comfort and freedom. It is non-magnetic, making it ideal for the electronics industry, and corrosion resistant, even when uncoated. The toe cap can also be treated with a special coating to provide non-conductive properties.

In line with Texon International's strategy to protect the environment through innovation and conscientious process management, the aluminium toe caps create less waste and five times less energy than steel to recycle. The toe caps have been designed to be interchangeable with steel toe caps enabling manufacturers to replace steel toe cap models easily, without changing the footwear design or manufacturing process.

Giampaolo Civatti, sales director, Esjot Group, comments: "Aluminium toe caps offer a host of benefits to both the manufacturer and the end-user. The innovation complements our extensive range of toe caps, steel midsoles and metatarsal protection, maintaining Esjot's standing as the leader in safety components for footwear. Importantly, the technology also forms an important part of Texon's quest for greater recyclability of products in the footwear arena."

Editor's notes:

Esjot Group and Texon International are the worldwide leading producers of structural safety component solutions for the safety shoe industry. They are pioneers of shoe components with over 100 years of footwear heritage, supplying high quality and performance solutions to the global footwear industry.

Texon International actively promotes the protection of the environment through innovation and conscientious process management as an integral part of its global recycling and sustainability business strategy. It is a leader in eco-friendly technology through conservation, adapting manufacturing processes and recyclability of its products.

Texon is owned by MatlinPatterson, a global investment firm that holds investments in over 25 companies worldwide.