



Toe protection - Crush resistance

Objective

This test verifies the compression resistance of toe protectors.

Principle

The toe caps are positioned between the trays and compressed until a load of (15 ± 0.15) kN for safety shoes or (10 ± 0.1) kN for protective shoes is reached. After testing, the toe cap should be visually inspected to detect the presence of any cracks through which light can be seen.

Type: [Physical and mechanical test](#)

Standards: [EN ISO 20344 §5.5](#) / [EN ISO 20345 §5.3.2.7](#)

Product: [Footwear](#)

Criteria: [Mechanical risk](#) / [PEE](#)

Component: [Whole shoe](#)

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