



Resistance to tensile strength and elongation

Objective

This test assesses the force required to break a specimen taken from upper, whatever the material and elongation.

Principle

The test consists of subjecting a dumbbell- shaped specimen to tensile force to breaking point. The test is performed on a dynamometer at a rate of 100 mm/min. The results correspond to the breaking strength expressed in N/mm, and to the breaking elongation expressed in %.

Type: [Physical and mechanical test](#)

Standard: [EN ISO 17706](#)

Product: [Footwear](#)

Criteria: [Mechanical resistance](#)

Components: [Leather upper](#) / [Textil upper](#)

Last modified on 2025-04-17