



Assessment of sole correction properties in the heel area (supination/pronation)

Objective

This test assesses the pronation control capability of a sports shoe, particularly for activities such as running. In fact, some shoes incorporate systems in the heel to correct incorrect rolling of the foot when running. The result obtained does not allow us to make an absolute qualitative judgment on the shoe. It simply verifies that the shoe will offer the support for which it was designed (neutral, pronator or supinator).

Principle

This method consists of compressing the sole at heel level between 50 and 1600 N with a standardized last. The shoe rests on a plane inclined at 10° to the horizontal. The result is the difference in depth between the inner and outer sides.

Type: [Physical and mechanical test](#)

Standard: [CTC method - CTC-P-CH-006](#)

Product: [Footwear](#)

Criteria: [Performance](#)

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