Determination of water vapour absorption

Objective

In order to provide good comfort, especially when the protection characteristic of the glove inhibits or excludes vapour transmission, it is possible to check the potential water vapour absorption.

Principle

A leather sample in placed in a waterproof device containing distilled water. The sample is subjected to water vapour only for 8 hours. The difference in the mass of the leather before and water vapour exposition states the absorption capacity. The result corresponds to the water absorption stated in mg/cm²*.

* Milligrams per cm^2.

Type: Physical and mechanical test
Standard: NF EN 420 § 5.3.2
Product: Gloves
Criteria: Mechanical resistance

Last modified on 2025-04-16