

# 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 is 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 after water vapour exposition states the absorption capacity. The result corresponds to the water absorption stated in mg/cm<sup>2</sup>\*

\* Milligrams per cm<sup>2</sup>.



Type: [Physical and mechanical test](#)

Standard: [NF EN 420 § 5.3.2](#)

Product: [Gloves](#)

Criteria: [Mechanical resistance](#)

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