



## 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 exposure states the absorption capacity. The result corresponds to the water absorption stated in  $\text{mg}/\text{cm}^2$ .

\* Milligrams per  $\text{cm}^2$ .

Type: [Physical and mechanical test](#)

Standard: [NF EN 420 § 5.3.2](#)

Product: [Gloves](#)

Criteria: [Mechanical resistance](#)



*Last modified on 2025-04-16*