

EN374-1

Protective gloves against chemicals and micro-organisms

Reference Number: EN 374-1: 1994

Status: European Standard

Scope: This standard specifies the requirements of gloves that protect against chemicals and/or micro-organisms and defines the used terminology.

This standard does not specify the requirements for protection against mechanical risks. For requirements against mechanical risks, see EN388.

This standard does not specify requirements for protection against thermal risks or risks of ionizing radiation. If this type of protection is needed references shall be made to EN407 or EN421 respectively.

Specific Requirements

- Sealed against penetration of liquids (test: see EN374-2) This test is a pass/fail test.
- Permeation resistance to chemicals tested according to method EN 374-3. Each combination of glove/chemical is classified according to the time the glove resists to permeation of the chemical.

Breakthrough time ¹⁾	Performance level
> 10 min	class 1
> 30 min	class 2
> 60 min	class 3
> 120 min	class 4
> 240 min	class 5
> 480 min	class 6

¹⁾ *The breakthrough time is defined as the moment that the permeation flux reaches 1 μ g/min.cm².*

Mechanical Requirements

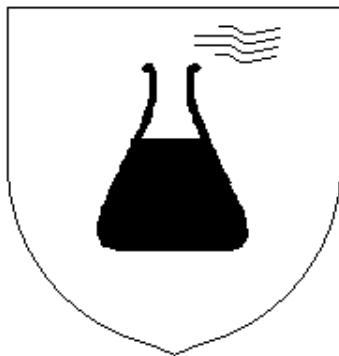
The resistance to mechanical hazards determined according to the methods described in EN388

- Abrasion resistance
- Cutting resistance
- Tear resistance
- Perforation resistance

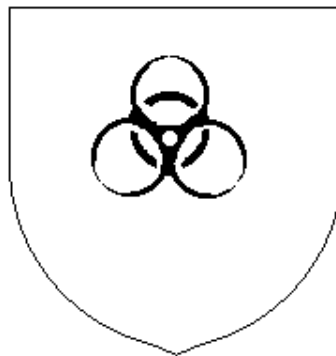
Marking

According to EN420

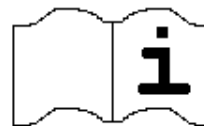
Pictograms



CHEMICAL RISKS



BIOLOGICAL RISKS



SEE INFO LEAFLET

Information for the user

Information of the user according to EN420