

**Protective clothing against heat and flame**  
**Test method: Determination of the resistance of materials to molten metal splash**

**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 EN 388.
- 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 EN 407 or EN 421 respectively.

## CONTENT

**Specific requirements:**

- Sealed against penetration of liquids (test: see EN 374-2) 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 *	<i>Performance level</i>
10 min	Class 1
30 min	Class 2
60 min	Class 3
120 min	Class 4
240 min	Class 5
480 min	Class 6

\*: The breakthrough time is defined as the moment when the permeating flux reaches  $1 \mu\text{g} / \text{mn.cm}^2$

**Mechanical Characteristics:**

The resistance to mechanical hazards determined according to the methods described in EN 388.

- abrasion resistance
- cutting resistance
- tear resistance
- perforation resistance

**Labelling:**

According to EN 420

Pictograms



: Chemical risk



: Biological Risk



: See information leaflet

**Information for the user:**

Information of the user according to EN 420.