

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

**Reference Number:** EN 373

**Status:** European Standard - Test method

**Scope:** This standard specifies a test method to assess the resistance of materials and material assemblies to splashes of molten metals.

### **Principle of the test:**

A crucible filled with a specific amount of molten metal is poured over the material, mounted on a frame positioned at a specified angle to let the metal run off. An artificial skin is placed under the specimen. After the test the damage to the artificial skin is evaluated. Aluminium, copper, iron and soft steel can be used as test metals

**Comments:**

- artificial skin: PVC sheet of a specific composition, the softening temperature of which is comparable to the temperature causing damage to the human skin

**Expression of results:**

- The resistance to molten metal is expressed as the mass of molten metal (to the nearest 10 g) just below the threshold of causing damage to the artificial skin.