

**your
helpful
guide to**

Hand Protection Legislative Information

The general requirements of the European Protective Equipment Directive, 89/686/EEC, have been in force since 1995. This directive requires all protective gloves to be CE marked. The format of the CE mark depends on the category that applies to the glove.

Category 1 - Simple Design

Provides protection for minimal risk only - for use in areas where the risk is low and where effects for not wearing hand protection are easily reversible or superficial.

Category 2 - Intermediate Design

Covers other risks that are not defined by categories 1 and 3.

Category 3 - Complex design

Gloves that protect against risks that could result in irreversible injury or mortal danger.

General Requirements of EN420

EN420 defines the general requirements for most types of protective gloves:

- Product and packaging information and marking
- Design and construction
- Fitness for the purpose
- Sizing
- Comfort and efficiency
- Innocuousness
- Storage



Chemical and Micro-Organism EN374

EN374-2 Resistance to penetration by micro-organisms. Referred to as acceptable quality level (AQL).

Rating
1-3



EN374-3 Resistance to chemical hazards (permeation)

1-6



Mechanical Hazards EN388

- a) Resistance to abrasion
- b) Blade cut resistance
- c) Tear resistance
- d) Puncture resistance

Rating
0-4
0-5
0-4
0-4



Protection from Cold EN511

- a) Resistance to convection cold
- b) Resistance to contact cold
- c) Permeability to water

Rating
0-4
0-4
0-1



Thermal Hazards (Heat and/or Fire) EN407

- a) Burning behaviour
- b) Contact heat
- c) Convection heat
- d) Radiant heat
- e) Small splashes of molten metal
- f) Large splashes of molten metal

Rating
0-4
0-4
0-4
0-4
0-4
0-4



Food Safe

The higher the score, the better the performance.
0 represents a fail - X denotes no test was carried out.