

EN Standards information (From Hangzhou Donghua)

EN 420 General Requirements

Markings

Each glove carries the DONGHUA logo, the reference, the size and CE mark. If it is classed in category III, the number of the notified body that carried out the tests also appears on the glove.

Dexterity (1-5)

The vast majority of DONGHUA gloves offer maximum dexterity (5).

Innocuousness (pH)

All DONGHUA gloves are checked for compliance in terms of their pH value (between 3.5 and 9.5).

Performance Levels

The higher the rating, the greater the performance, the lowest rating being zero.

EN 388 Mechanical Risks .

The glove's resistance to abrasion, cutting, tearing puncturing is laboratory tested. The figures shown for each glove, beneath the symbol for this standard, should be interpreted as follows:

PERFORMANCE LEVELS

(a): 0 to 4

(b): 0 to 5

(c): 0 to 4

(d): 0 to 4



REQUIREMENTS:

RESISTANCE TO ABRASION (A)

Number of cycles required for the sample to fail, at a constant speed.

RESISTANCE TO CUTTING BY SLICING (B)

Index calculated from the number of cycles required to cut the sample

at a constant speed.

RESISTANCE TO TEARING (C)

Force required to tear the sample.

RESISTANCE TO PUNCTURING (D)

Force required to pierce the sample with a standard steel punch.

EN 374-3 Chemical Risks

The time taken to penetrate the glove (permeation) is measured in a laboratory. To find out the chemical resistance of the materials used, check the table Comparison Chart on the site.



PERFORMANCE LEVELS

0 to 6

REQUIREMENTS:

PERMEATION

EN 511 Cold-related Risks

The tests determine the glove's level of performance in cold climates or artificially cold environments where the cold is transferred by convection and/or through contact. It may also be mentioned whether the glove is waterproof.

PERFORMANCE LEVELS



(a): 0 to 4

(b): 0 to 4

(c): 0 to 1

REQUIREMENTS:

RESISTANCE TO CONVECTIVE COLD (A)

RESISTANCE TO CONTACT COLD (B)

IMPERMEABILITY TO WATER (C)

EN 374-2 Micro-organisms Risks



The glove is deemed to be resistant to micro-organisms if it has successfully undergone the penetration test this standard requires.

REQUIREMENTS:

PENETRATION - air or water leakage test

2002/72 EC Food Compatibility



European directive 2002/72 (which replaces 90/128/EEC) governs the conditions and restrictions that all plastic materials and objects must comply with if they are intended to come into contact with foods.

EN1149-1 Antistatic properties

The glove attains the levels of resistivity required by this standard in terms of electrostatic conduction or dissipation.