



AMENDMENT OF THE EN 420 STANDARD

All the information you need to know
about the new EN ISO 21420 standard.

EN ISO 21420 standard



In March 2020, the EN 420 standard was modified and transformed into the EN ISO 21420 standard. The revised standard redefined the general requirements for glove construction and cut, safety, comfort and effectiveness of use, as well as marking and information provided by the manufacturer applicable to all protective gloves.

What has changed?

SCOPE OF APPLICATION

The scope of application of the **EN ISO 21420** standard has been extended. This standard can now be used not only for protective gloves, but also for protective sleeves.

INNOCUOUSNESS

EN ISO 21420 introduces a new threshold for the content of dimethylformamide (must not exceed 1000 mg/kg) and aromatic polycyclic hydrocarbons- shall not exceed 1mg/kg.

In the new standard, it is no longer necessary to test natural latex gloves for proteins, which was the case with the **EN 420** standard.

GLOVE MARKING

According to the **EN 420** standard, each protective glove should have the following markings:

- The manufacturer's name
- Size
- Glove marking
- Relevant pictograms + performance levels + reference to the standard
- Use-by date, if applicable

In the case of the **EN ISO 21420** standard, additionally the following should be placed:

- Date of manufacture (at least month and year)
- Use-by date with pictogram (if applicable)

Markings should be clear and visible throughout the lifetime of the gloves. If it is not possible to mark the gloves, they should be placed on the first package.

GLOVE SIZING

A minimum length of gloves is not required for **EN ISO 21420**.

ELECTROSTATIC PROPERTIES

The new **EN ISO 21420** standard introduces a new antistatic pictogram for ATEX zones. Electrostatic properties must be tested according to EN 16350 (test method EN 1149-2). Within the new standard, the test methodology designation EN 1149-1 or EN 1149-3 can still be used, but in this case it is not necessary to use the pictogram.

EN 16350



Test data according to EN 1149-1 and 3 can be provided in the information provided to the user.

INSTRUCTIONS FOR USE

According to the **EN 420** standard, the instructions for use should contain:

- The name and address of the manufacturer
- Glove marking
- Glove sizes
- Relevant pictograms, performance levels and reference to applicable standards and year
- Warnings and/or restriction of use and warning for natural latex content
- Explanation when protection is limited to part of the hand
- Product storage and care instructions
- Instructions for the purpose of the product, its use, combining this PPE with other PPE
- List of known allergens

In the case of the **EN ISO 21420** standard, additionally the following should be placed:

- Instructions for checking gloves before use
- Instructions for putting on and taking off gloves
- Use-by date information (if applicable)
- For products with electrostatic properties, a warning should be provided stating that all clothing and footwear worn with this type of glove should also be designed with electrostatic risks in mind
- If the gloves do not require cleaning, this information should be included

INFORMATION ON REQUEST

According to the new **EN ISO 21420** standard, additional information should be made available upon request.

In the case of the **EN 420** standard, it was previously necessary to list all substances contained in gloves.

Regarding the **EN ISO 21420** standard, a list of allergenic substances contained in the gloves (other than natural rubber) should be provided.

Important! EU certificates obtained under the previous EN 420 standard are still valid until they expire.