



EUROPEAN STANDARDS OF TECHNICAL GARMENTS

You will find, below, a summed up presentation of every standard applicable to technical and protective garments.

- **EN 340** : general requirements
- **EN 342** : protective garment against cold
- **EN 343** : protective garment against atmospheric exposures

EN340 : general requirements

This standard contains general requirements of protective garments, defined as recovering or replacing the personal garment and designed to protect against one or several dangers.

MARKING

On the product itself or printed on a label fastened to the product.

- Set to be visible and legible.
- Name, commercial brand.
- Designation of the type of product.
- Designation of the size.
- Number of the appropriate standard.
- Pictograms and, if necessary, performance levels.
- The “i” marked on a pictogram indicates the need for the user to refer to manufacturer instructions.
- Maintenance labelling.
- Instructions for use.

EN 342 : protective garment against cold

The **EN342** standard specifies the requirements and performances test methods of the protective garments against cold at temperatures inferior to -5°C . Basic thermal insulation measured. Function value of the maximal temperature of use for an activity level and an exposure time given. The letter gives the type of undergarments used for the test (A or B).

Class of permeability to air (0 to 3) :

It is the garment tightness level.

Class of steaming resistance (0 to 3) :

It is the garment breathability level.

EN 343 : protective garment against atmospheric exposures

Resistance to penetration of water (0 to 3) :

It is the garment waterproofness level.

Steaming resistance (0 to 3) :

It is the garment breathability level.

Application field :

The present standard specifies the protective garments characteristics against the influence of atmospheric exposures, wind and cold above -5°C .

The first number on the right of the pictogram indicates the class of resistance to the water penetration, the second one the class of the steaming resistance.