

Protective clothing: General requirements

Reference Number: EN 340:1993

Status: European standard - This standard is a reference standard to refer to in other standards. This standard can not be applied alone but only in association with a specific product standard.

Scope: This standard specifies the general requirements: ergonomic requirements, sizing, ageing, marking, information for the user for protective clothing.

CONTENT

Ergonomics:

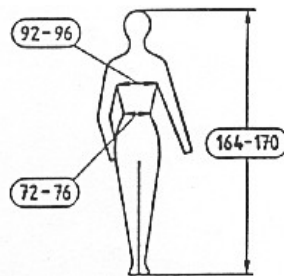
- materials and components: shall not have adverse effects on the wearer.
- offer the wearer the best possible degree of comfort, consonant with the provision of adequate protection.
- parts in contact with the user: free of roughness, sharp edges and projections.
- design: facilitate its correct positioning on the user and ensure that it remains in place during use.
- as light as possible without prejudice to the design strength and efficiency.

Ageing:

- the detrimental effects of colour alteration, cleaning and dimensional change to the levels of performance.

Size designation:

- A pictogram is used



- the indications on the pictogram relate to body dimensions not to dimensions of the clothing; they mean that the garment can be used by a person with the body dimensions given on the label

- Information to be given:
 - for jackets: body height and chest circumference.
 - for trousers: body height and waist circumference.

intervals are normally 4 cm for circumferences and 6 cm for body height; intervals can be combined.

Marking:

On a clearly visible and readable label lasting the foreseeable number of cleaning cycles

It contains :

- the CE marking (as appropriate for PPE category II or III).
- cleaning and maintenance symbols.
- name or logo of the manufacturer.
- type of the garment (manufacturer's reference).
- size designation (pictogram).
- reference to the specific standard.
- the specific pictogram(s).

Information for the user:

to be provided by the manufacturer in at least the official language(s) of the country of use; precise and understandable for the user.

contents:

- name and address of manufacturer or his authorized representative.
- name and reference of the product.
- reference to the relevant product standard.
- explanation on pictogram and performance levels obtained.
- instructions for use, e.g. safety checks before use, specific area of use and limitations of use (time of wear in specific conditions).
- storage and maintenance instructions, instructions for cleaning and disinfection, etc.
- packaging instructions for transport.