

PrEN13034

Protective clothing against liquid chemicals Performance requirements for chemical protective suits offering limited protective performance against liquid chemicals (type 6 equipment)

Reference number: prEN 13034

Status: Draft European Standard - Product specification (type 6 chemical protective clothing)

Scope: This draft standard specifies the requirements for protective clothing (coverall or two pieces suit) against liquid chemicals (type 6). Requirements cover properties (mechanical/chemical) of the materials and of the complete clothing.

Material Requirements

Property	Number of performance levels
Abrasion resistance	6
Trapezoidic rear resistance	5
Bursting strength	6
Repulsion to liquids	3
Resistance to penetration	3
Ignitability	pass/fail

Comment: *This standard does not impose minimum requirements but merely performance classes. The totality of the performance levels obtained can be considered as a performance profile. The user of the clothing shall check this profile against the data of his risk analysis.*

Seams and Junctions

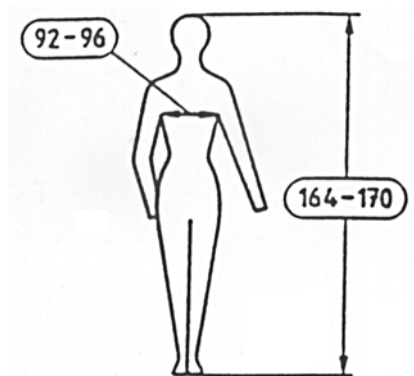
Tensile strength is assessed and classified to 5 performance levels

Complete Clothing

- The whole suit shall pass a light spray test (EN468 modified).
- Visors shall fulfil mechanical and optical requirements.

Size Designation

- A pictogram is used



Marking

- On a clearly visible and legible label resisting to the foreseeable number of cleaning cycles
- Contents
 - The CE marking (as appropriate for the PPE category III)
 - Cleaning and maintenance symbols
 - Name or logo of the manufacturer
 - Year of production
 - Type of the garment (6)
 - Manufacturer's type number or model number
 - Size designation (pictogram)
 - Reference to EN 13034
 - Pictogram "Erlenmeyer"
 - Reference to the availability of product information (pictogram "booklet")

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 EN 13034, type 6 and “limited use” or “re-usable”
- Available size range
- Explanation of pictograms and of the performance levels obtained (presented as a table)
- A list of chemicals against which the material was tested and the performance levels obtained
- The estimated lifetime, if applicable
- Instructions for use by trained personnel, e.g. safety checks before use, specific area of use and limitations of use (e.g. temperature), storage and maintenance instructions, instructions for cleaning and disinfection, spare parts, etc.

Pictogram

