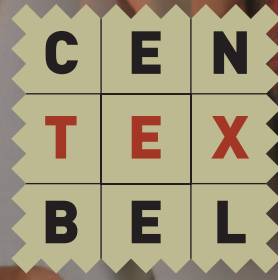


elementary, my dear Watson



notified body #0493 for PPE testing and CE certification

All protective clothing and gloves (PPE) must comply with the fundamental requirements determined by the European Directive 89/686/EEC. As a visible indication of conformity with the fundamental requirements, the producer is obliged to affix the CE-mark on his equipment.

This leaflet will help you select the harmonized product standard your product has to comply with, starting from the intended use or type of risk it asserts to protect against and specifying the material and features the protective garment is made from.

As a notified body (#0493), Centexbel is accredited for the type examination and monitoring of protective clothing and gloves against chemical, biological and radioactive hazards.

protective clothing and gloves
intended use and corresponding standards

The image shows laboratory equipment used for testing protective clothing and gloves. It includes a mechanical testing machine with a white cylindrical sample and a red circular sample. A pair of orange protective gloves is visible in the foreground.

protective clothing and gloves

their intended use and corresponding standards



INTENDED USE or type of risk	HARMONIZED PRODUCT STANDARD	TYPE	TYPICAL MATERIALS	COVERAGE OF THE BODY
exposure to a LIGHT SPRAY OF LIQUID aerosol or to low pressure, low volume splashes (no liquid permeation barrier required)	EN 13034	6	fabric with water repellent finish or nonwoven	trunk and limbs or specific parts of the body, e.g. aprons or sleeves head, foot, hand protection optional
exposure to AIRBORNE SOLID PARTICLES (penetration of dust through materials by rubbing or flexing not taken into account)	EN ISO 13982-1	5	tightly woven fabric or nonwoven	protection of trunk and limbs head, foot, hand protection optional
exposure to LIQUID SPRAY (spray tight connections between different parts of clothing)	EN 14605	4	coated or laminated fabrics or nonwovens	trunk and limbs or specific parts of the body, e.g. aprons or sleeves head, foot, hand protection optional
exposure to a JET OF LIQUID OR TO IMPORTANT SPLASHES OF LIQUID (liquid tight connections between different parts of clothing)	EN 14605	3	coated or laminated fabrics or nonwovens	trunk and limbs head, foot, hand protection optional
exposure to HARMFUL GASES AND VAPOURS , possibly in conjunction with liquids (industrial situations with known risk)	EN 943-1	1: gas-tight suits 2: non gas-tight ventilated suits	1: coated or laminated fabrics or nonwovens 2: air permeable fabrics or nonwovens	complete body protection including head, hands, feet and respiratory tract
exposure to HARMFUL GASES AND VAPOURS , possibly in conjunction with liquids (for use in emergency situations with unknown risk)	EN 943-2	1	coated or laminated fabrics or nonwovens	complete body protection including head, hands, feet and respiratory tract
exposure to RADIOACTIVE CONTAMINATION (particles and liquids, not radiation)	EN 1073-1		tightly woven fabric or nonwoven	complete body protection including head, hands, feet and respiratory tract
exposure to RADIOACTIVE CONTAMINATION (particles and liquids, not radiation)	EN 1073-2		tightly woven fabric or nonwoven	complete body protection including head, hands, feet
exposure to BIOLOGICAL AGENTS contained in solids, liquids and aerosols	EN 14126	same types as for chemical protective suits	depending on the type	depending on the type
exposure of the hands to HARMFUL LIQUIDS OR SOLIDS	EN 374-1		coated or laminated materials	gloves

Note: all above standards apply to both limited use and reusable clothing

On www.centexbel.be you will find all information about the testing and certification of protective clothing and gloves. Do not hesitate to contact our experts for all further information.

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