DuPont™ Tyvek® · Tychem® · ProShield®

Standards & Certifications

The pictograms on every DuPont™ protective garment page show which European standards the garment is certified to. This guide explains what each one means, so you can read a product's protection at a glance.

How to use this guide: Match the pictograms on the product page to the entries below. For the exact standards, versions and test results of a garment, see its Declaration of Conformity and Instructions for Use.

Regulatory framework

CE marking

Conformity with EU PPE legislation

Regulation (EU) 2016/425

Confirms the garment meets the essential health and safety requirements of the EU regulation on personal protective equipment. For Great Britain, conformity is declared against the same regulation as brought into UK law.

CAT III

Category III personal protective equipment

Regulation (EU) 2016/425

Protects against risks that may cause very serious consequences, such as death or irreversible damage to health. Requires EU type-examination by a Notified Body and ongoing surveillance of production quality.

Protection types explained

EU harmonised standards define six protection types for Category III chemical protective clothing.

Type	Protects against	Standard
TYPE 1 Gas-tight	Gases, liquids, liquid aerosols and solid particles	EN 943-1 · EN 943-2
TYPE 2 Non-gas-tight	Gases, liquids, liquid aerosols and solid particles	EN 943-1
TYPE 3 Liquid-tight	Liquid chemicals, exposure to a pressurised jet of liquid Test: jet test, EN ISO 17491-3	EN 14605
TYPE 4 Spray-tight	Liquid chemicals, exposure to a saturating liquid spray Test: high-level spray test, EN ISO 17491-4, Method B	EN 14605
TYPE 5 Particle-tight	Solid airborne particulates, such as dusts and fibres Test: inward leakage, EN ISO 13982-2	EN ISO 13982-1
TYPE 6 Limited splash	Liquid chemicals, light spray or small accidental splashes Test: low-level spray test, EN ISO 17491-4, Method A	EN 13034

A type certification describes a suit's overall tightness against one form of exposure. It does not mean the suit is 100% impervious to that hazard. The "-B" suffix (e.g. Type 5-B) means the garment also meets EN 14126 for that type. PB[3], PB[4] and PB[6] mark partial-body items, such as aprons and sleeves.

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Other standards

Shown alongside the protection type on the product page.

EN 1073-2

Radioactive particulate contamination

EN 1073-2

Non-ventilated protective clothing against contamination by radioactive particles, such as radioactive dust. Garments are classified 1 to 3 by their nominal protection factor.

Note: Does not protect against ionising radiation.

EN 1149-5

Electrostatic properties

EN 1149-5

Material and design requirements for clothing that dissipates static charge, to help avoid incendiary discharges. Surface resistance is tested to EN 1149-1.

Note: Effective only when the wearer and garment are properly earthed, at relative humidity above 25%.

EN 14126

Protection against infectious agents

EN 14126

Barrier against biological hazards, tested with synthetic blood, blood-borne pathogens, contaminated liquids, biologically contaminated aerosols and contaminated solid particles.

EN ISO 14116

Limited flame spread

EN ISO 14116

Materials and garments that limit flame spread, classified as Index 1, 2 or 3.

Note: Index 1 must be worn over an Index 2 or 3 garment. It is not heat and flame protection on its own.

EN ISO 20471

High-visibility clothing

EN ISO 20471

Makes the wearer visible in hazardous situations, by day and in vehicle headlights at night. Garments are classified 1 to 3 by the area of fluorescent background and retroreflective material.

Reading a product's certification

Example: DuPont™ Tyvek® APX™ 400, TA198S — the certification chips as they appear on the product page.

CAT III | TYPE 5-B | TYPE 6-B | EN 1073-2 | EN 1149-5 | EN 14126

In one line: a Category III coverall that keeps out fine particles and light liquid sprays, adds a barrier to infectious agents, protects against radioactive particulate contamination and dissipates static charge.

Certification reflects performance under standardised test conditions. Final selection of protective clothing is the responsibility of the safety professional, based on a hazard and risk assessment. Always read the Instructions for Use; additional PPE may be required.

Visit SafeSPEC™ for product data

The information provided corresponds to our knowledge on the subject at the date of its publication and may be revised as new knowledge becomes available. It is not intended to substitute for any testing you may need to conduct to determine the suitability of a product for your particular purposes. DuPont™, the DuPont Oval Logo, and all trademarks and service marks denoted with ™ or ® are owned by affiliates of DuPont de Nemours, Inc. unless otherwise noted. © 2026 DuPont.