

NUPROTEX E

PARTICULATE & SPRAY-TIGHT PROTECTIVE WORKWEAR



RESPIREX™

Description

The Nuprotex E is a **one piece-coverall** manufactured from **300 micron PVC**. Designed to be worn with a full facemask (see list below), together with appropriate gloves and safety boots, the suit provides **protection from radioactive particles and liquid spray**.

Applications



Nuclear



Pharmaceutical



Performance



IL Class 2 | EN 1073-2:2002
Radioactive Particulate Protective Clothing



Type 4 | EN 14605:2005+A1:2009
Spray-Tight Chemical Protective Clothing

The Nuprotex E suit has been assessed by a notified body as satisfying Annex II of the PPE regulation (EU) 2016/425 using technical standards EN 1073-2:2002 Protective clothing against radioactive contamination Part 2: Requirements and test methods for non-ventilated protective clothing against particulate radioactive contamination and EN 14605:2005+A1:2009 Protective clothing against liquid chemicals performance requirements for clothing with liquid-tight (Type 3) or spray-tight (Type 4) connections, including items providing protection to parts of the body only (Types PB [3] and PB [4])

Tested Face Masks

- Avon N10
- Dräger Panorama Nova
- MSA Auer 3S
- Protector PPR2000 (Phantom Power Assisted Respirator)
- Scott Promask

Product Documentation



The CE Certificate, Declaration of Conformity and user instructions can all be downloaded from the product page on the Respirex website, links are in the downloads tab.

Key Features

Elasticated face seal suits a variety of respirator full face masks

Contoured upper body for ease of fitting and removal

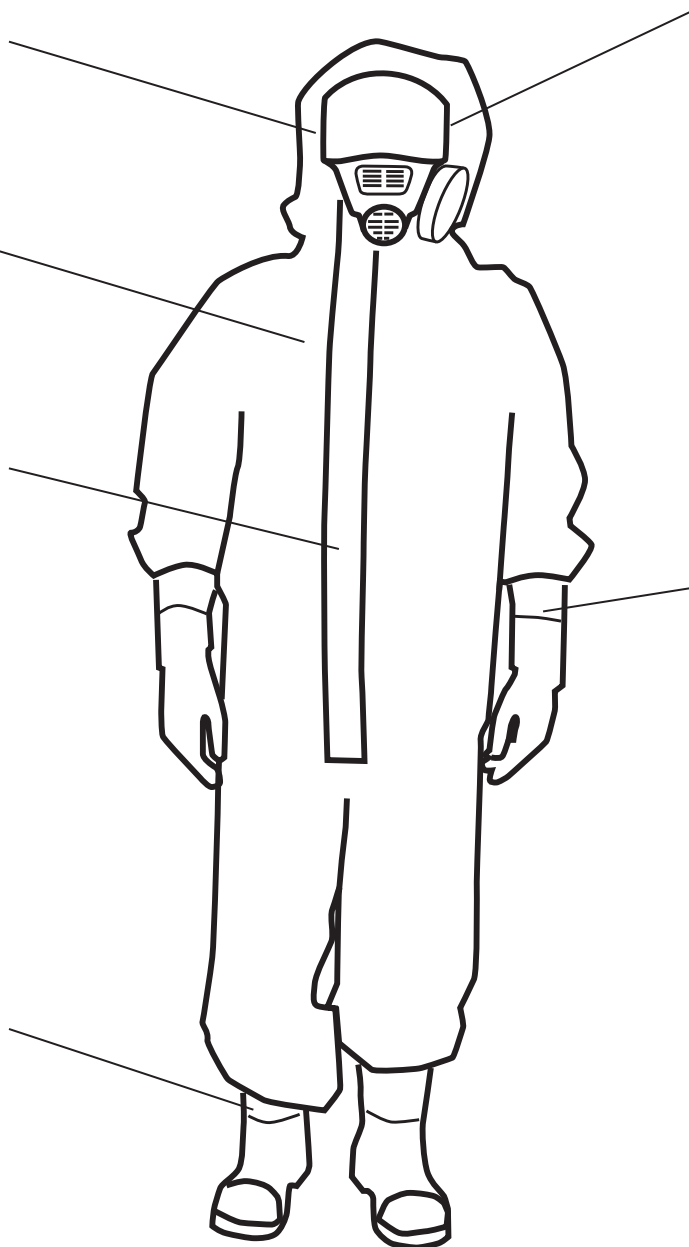
Double outer overlapping zip flaps

Plain ankles for tape sealing to safety boots

Designed to allow a **full range of head movement** that will not affect the seal between the suit and face mask

Plain cuffs for tape sealing to safety gloves

Five year shelf-life



Accessories

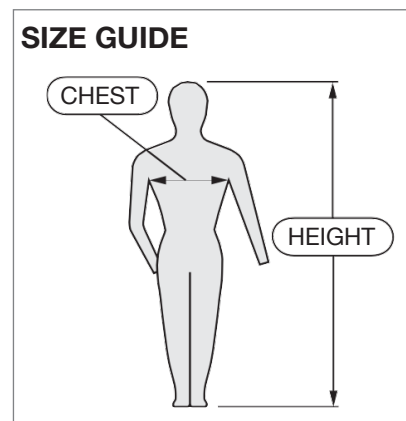


Isotec Boots

A chemically resistant anti-static safety boot that is resistant to heat and flame, conforming to the fire fighter boot standard EN 15090:2012 F3A.

Sizing

Size	Chest (cm)	Height (cm)
Small	88-96	164-170
Medium	96-104	170-176
Large	104-112	176-182
X-Large	112-124	182-188
XX-Large	124-136	188-194



Material Performance

300 Micron PVC		Result	EN14605:2005 Class	EN1073-2:2002 Class
Abrasion Resistance	EN 530 Method 2	> 2,000	6	6
Flex Cracking Resistance	EN ISO 7854 Method B	> 100,000	6	-
Tear Resistance	EN ISO 9073-4	Machine Direction 24.7 N Cross Direction 31.1 N	2	3
Tensile Strength	EN ISO 13934-1	Machine Direction 222.8 N Cross Direction 214.1 N	3	-
Puncture Resistance	EN 863	20 N	2	2
Resistance to Ignition	EN 13274-4 Method 3	No part ignited or continued to burn on removal from the flame	Pass	Pass
Seam Strength	EN ISO 13935-2	292.2 N	4	4
Resistance to penetration by liquids - Spray Test	EN ISO 17491-4 Method B High-level	< 3x total calibrated stain area	Pass	-
Permeation Resistance - Fabric	EN 374-3, 48% HF	Mean breakthrough time 308 min	5	-
Permeation Resistance - Seams	EN 374-3, 48% HF	Mean breakthrough time 268 min	5	-



RESPIREX™

Living + Breathing Personal Protection

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