

CFPR301

ChemRepel HV

TYPE 3, 4, 5 & 6
DISPOSABLE COVERALL

DESIGNED
TO PROTECT



Features

- ▲ Ultra-lightweight 65gsm polyethylene laminated film
- ▲ Effective barrier against many organic and inorganic liquid chemicals
- ▲ Serged and heat taped seams for strength and high level protection
- ▲ Fabric offers high level of dry particle and liquid penetration protection
- ▲ 50mm reflective tape for enhanced visibility
- ▲ Reinforced crotch for product durability
- ▲ Elasticised waist, hood, ankles, wrists and thumb loop for a secure fit
- ▲ Thumb loops prevent sleeves riding up
- ▲ Double inner and outer flap for protection against contamination
- ▲ 3 piece hood provides additional comfort and head movement over traditional design

Standards & Certification

Category III PPE according to Regulation(EU) 2016/425



Manufactured under license with EC Type Examination
Issued by- Centro Tessile Cottoniero e Abbigliamento
S.p.A Piazza S. Anna, 2 21052 Busto Arsizio (VA) ITALY
Notified Body Number - 0624



- ▲ Production under ISO 9001:2015
- ▲ CE category III PPE Regulation (EU) 2016/425
- ▲ Type 3 EN 14605: Protection against jets of liquid chemicals
- ▲ Type 4 EN 14605: Protection against tight spray of liquid chemicals
- ▲ Type 5 EN ISO 13982-1: Protection against solid particulates
- ▲ Type 6 EN 13034: Protection against limited liquid chemicals
- ▲ EN 1149-5: Anti-static / Electrostatic
- ▲ EN 14126: Protection against infective agents
- ▲ EN 1073-2: Class 1 protection against radioactive contamination
- ▲ EN ISO 13688: Protective clothing general requirements
- ▲ EN 14325: Protective clothing against chemicals
- ▲ Reflective Tape luminosity to EN ISO 20471:2013

Specifications

Part No. CFPR301
Colour Yellow
Material Polyethylene

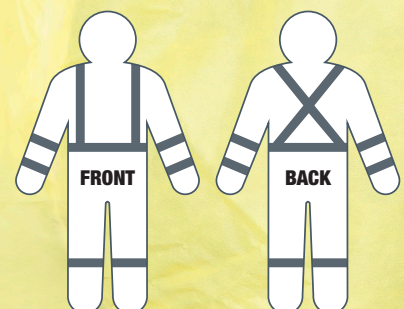
Sizing & Fit

Available Sizes
S, M, L, XL, 2XL, 3XL, 4XL

Packaging

1 5 25

Tape Configuration



CFPR301

Overall Performance of ChemRepel HV

Physical Data	Test Method	Result/Class/Conformity
Type 3: Jet Test	EN 14605:2005 + A1:2009	Pass
Type 4: Spray Test	EN 14605:2005 + A1:2009	Pass
Type 5: Particle Test	EN ISO 13982-1:2004 + A1:2010 IL 82/90 <= 30% and TILS _{8/10} <= 15%	Pass Pass
Type 6: Splash Test	EN ISO 17491-4 met. A-EN13034	Pass
Radioactive Particulates	EN ISO 13982-2-EN 1073-2	Class 1
Electrostatic Properties	EN 1149-5:2008	Pass t50<4s
Seams Strength	EN ISO 13935-2	Class 4

Physical Performance Profile of ChemRepel HV

Physical Data	Test Method	Result/Class/Conformity
Abrasion Resistance	EN 530	6/6
Tear Strength	EN ISO 9073-4	2/6
Tensile Strength	ISO 13934-1	1/6
Puncture Resistance	EN 863	2/6
Flex Cracking	EN ISO 7854	6/6
Resistance to Blocking	EN 25978	Pass
EN 13688:2022	PH (EN 340-ISO 3071) Amines (EN 340-ISO 3071)	Pass Pass

Resistance to Penetration & Repellency of Chemicals (EN ISO 6530)

Chemicals	Penetration	Repellency	EN Class
H ₂ SO ₄ (Sulphuric acid) 30%	< 1%	> 95%	3/3
NaOH (Sodium hydroxide) 10%	< 1%	> 95%	3/3
o-Xylene	< 1%	> 90%	3/3
Butan-1-ol	< 1%	> 95%	3/3

Chemical Permeation

Chemicals	Test Method	Result	EN Class	EN Class (Seams)
H ₂ SO ₄ (Sulphuric acid) 30%	EN ISO 6529	> 480mins	6/6	6/6
NaOH (Sodium hydroxide) 10%	EN ISO 6529	> 480mins	6/6	6/6

EN 14126:2003

Test Method	EN Classification	Test Method	EN Classification
ISO 16603	Pass (20kPa)	ISO 16604	6/6
EN ISO 22610	6/6	ISO/DIS 22611	3/3
EN ISO 22612	3/3		

Industries & Applications

- First Responders & Emergency Services
- Medical & laboratory environments
- Pharmaceutical
- Demolition and construction
- Stone cutting
- Insulation and fiberglass work
- Hazardous liquid handling and spraying
- Waste management
- Industrial cleaning & maintenance
- Painting
- Agricultural and pesticide spraying
- Cleanroom operations & sensitive component assembly

Instructions For Use

Refer to the User Insert Sheet included with the Coverall for full user instructions

Shelf life

Five years from date of manufacture

Storage

Do not store in direct sunlight, or in environments above 21 °C and above 80% humidity.

Disposal

Worn coveralls should be disposed of in accordance to the containment they have been exposed to, and in accordance with local regulations.

Cleaning

Single use garment. Do not reuse



Do not iron



Do not wash



Do not clean



Do not machine dry



Do not dry clean



Do not reuse



Keep away from fire