

LIGHTWEIGHT COMBI SUIT

CHEMPROTEX™ 300



RESPIREX™

Fire Brigades

Nuclear

Petrochemical

Military

Civil Defence

Shipping

Industrial Cleaning

Lightweight, **Type 3** liquid-tight, limited re-use cowl suit, designed for use with a with a face mask and filter or appropriate facial and respiratory protection.

- Compatible with the **PermaSure®** Toxicity Modeller for calculation of safe working time with a given chemical based on real world conditions
- One-piece construction in blue Chemprotex™ 300 high performance chemical barrier fabric
- Spun bonded 'fluffy' inner surface and lightweight flexible outer layer reduces noise and improves wearer comfort
- Integral elasticated hood
- Nylon zip, fitted vertically from groin to neck with twin flaps and VELCRO® brand hook and loop fastener to seal
- Unique zip-flap arrangement ensures liquid tight performance without the need for taping the flap
- Minimal taping required to achieve stated performance - unlike the majority of other suits that require taping at the wrist, ankle zip and facemask, the lightweight combi needs only a single piece of tape where the neck meets the facemask, dramatically reducing donning and doffing times
- Double cuff with elasticated outer and soft elasticated inner for wearer comfort
- Thumb loop ensures sleeves don't ride up the arm in use
- Elasticated ankles



**Type 3
Chemical Suit**

Accessories

- Hazmax™ Boots
- Hazbag

Certification:



TYPE 3, EN14605:2005+A1 2009
Liquid-Tight Chemical Protective Clothing



TYPE 4, EN14605:2005+A1 2009
Spray-Tight Chemical Protective Clothing



TYPE 5, EN13982-1:2004+A1:2010
Particulate Protective Clothing



TYPE 6, EN13034:2005+A1 2009
Limited Spray-Tight Chemical Protective Clothing



EN 14126:2003
Protective Clothing Against Infective Agents



EN 1149-5:2008
Antistatic Protective Clothing

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PermaSURE® is a registered trademark of Industrial Textiles and Plastics Limited
Hazmax™ and Chemprotex™ are registered trademarks of Respirex International Limited

The Chemprotex™ 300 Combi suit can be reused until chemical contamination occurs, damage or wear to the suit is detected or hygienic cleaning becomes necessary. Please refer to the user instructions for full details.

Specifications, configurations and colours are subject to change without notice.

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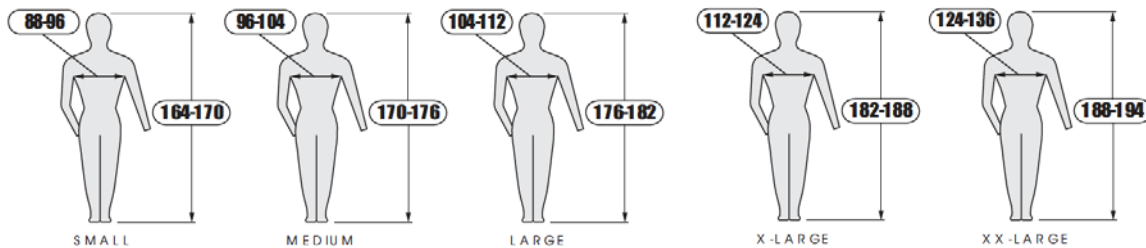
Double cuff with
thumb loop

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Sizing



Performance Requirements Of Materials

Tested In Accordance With	Performance Requirement	Level Of Performance	Class
EN 530:1994 Method 2	Abrasion Resistance	2,000 cycles	6
EN ISO 7854:1997 Method B	Flex Cracking Resistance (visual assessment)	1,000 cycles - Pass 2,500 cycles - Fail	1
EN 863:1995	Puncture Resistance	13.6 Newtons	2
EN ISO 9073-4:1997	Trapezoidal Tear Resistance	Length 76.3 Newtons Width 53.1 Newtons	3
EN ISO 13934-1:1999	Tensile strength	Length 159.1 Newtons Width 92.5 Newtons	2
EN 13274-4:2001 Method 3 (single burner test)	Resistance to ignition	No part ignited or continued to burn on removal from the flame	Pass
EN 25978:1993	Resistance to blocking	Slight blocking	2
EN 374-3:2003	Permeation Resistance when tested against 96% Sulphuric acid	>480 min	6
EN ISO 13935-2:1999	Seam Strength	166.8 Newtons	4
EN 1149-1:2006	Surface resistance**	Face $3.6 \times 10^8 \Omega$ Reverse $3.4 \times 10^7 \Omega$	-

Permeation

For details of the chemical permeation performance of Chemprotex™ 300 and its performance against chemical warfare and infective agents, please refer to the separate Chemprotex™ 300 brochure.